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OFFICE STAFF

KILLED IN ACTION

Ayres, Pte. F. O., Machine Gun Corps.

Irons, Pte. L. C., Middlesex Regt.

ON ACTIVE SERVICE

DIRECTOR

Webb, Lieut. S. F., M.C., R.F.A. (Son of Mr. E .A. Webb).

ARTIST

Webb, Lieut. C. R., Post Office Rifles (Son of Mr. E. A. Webb).

Ansell, Pte. G. W., R. Sussex Regt.
Booth, Lieut. L., R.A.F.
Bain, Cpl. G. B., London Scottish.
Byrne, Driver E., R.F.A.
Cobbold, Gnr. Victor, R.F.A.
Champion, Pte. W. G., Civil Service Rifles.
Cox, Sapper F. G., Royal Engineers.
Coupland, Lieut. J., King's African Rifles.
Denham, Gnr. F. A. S., R.G.A.
Griffiths, Pte. O., Machine Gun Corps.
Jarrold, Pte. P., The Queen's Rgt.
Lee, Pte. H. C., Civil Service Rifles.
McFarlane, Spr. S., Cavalry Division.
McLagan, Pte. L. W., Heavy Artillery.
Mitchell, Sec.-Lieut. J. F., R.F.A.
Morgan, Pte. F. H., Worcester Rgt.
Nind, Sec.-Lieut. P. F.
Nuttgens, Pte. W. H., Middlesex Regt.
Pope, Pte. L. F., Civil Service Rifles.
Quinney, Pte. C. C., London Scottish.
Stephens, Driver A., R.F.A.
Savage, Lce.-Cpl. D., Royal Fusiliers.
Walker, Driver C., R.F.A.
Woodward, Pte. R., Middlesex Regt.
Youngman, Pte. H. J., Royal Fusiliers.
Yorkston, Rifleman F., Rifle Brigade.

WAREHOUSE STAFF

KILLED IN ACTION

Beedle, Pte. W. J., Grenadier Guards.
Bodily, Rifleman S. T., Trench Mortar Battery.
House, Lce.-Cpl. W., London Regt.
Mosely, Sgt. T., Royal Fusiliers.
Sale, Pte. R. H., London Regt.
Bird, T. G., Royal Marines. (Killed during Air Raid while home on leave.)
Dellar, Pte. E., Essex Regt. (Missing).

DIED OF WOUNDS

Wright, Sgt. R., Rifle Brigade.

DIED IN HOSPITAL

Ranger, Pte. H. G., City of London Regt.

ON ACTIVE SERVICE

Allan, Pte. H. W., Royal Sussex Regt.
Alright, Pte. J. P., Machine Gun Corps.
Alderton, Sig. W., 1/4th London Regt.
Ayambar, Gnr. J., R.F.A.
Bullivant, Pte. H. E., City of London Regt.
Ball, Rifleman A. R., Royal Irish Rifles.
Bell, Pioneer A., Royal Engineers.
Beckett, Driver C. R., R.F.A.
Baker, Pte. P., East Surrey Regt.
Chainey, Sgt. H. G., East Anglian Field Ambulance.
Cunningham, Gnr., R.F.A.
Copland, Driver A., R.F.A.
Dennis, Bombar. T. G., R.F.A.
Desmond, Pte. M. J., Royal Sussex Regt.
Dulwich, Pte. A., King's Royal Rifles.
Dulwich, Rifleman H., Rifle Brigade.
Eaglesfield, Pte. A., The Buffs.
Eustace, Pte. D., A.S.C.
Ellis, Driver G., R.F.A.
Finch, Pte. P., 3rd Bedfords.
Finch, Pte. H. C., Trench Mortar Battery.
Grainger, Pte. W., 20th Battn. Tank Corps.
Hudson, Sgt. J. E., 1st Res. London Regt.
Hill, Pte. W. H., Coldstream Guards.
Heales, Pte. A. E., 21st London Regt.
Hanser, Seaman W., H.M.S. "Suva."
Hollings, Cpl. W., 11th Battn. London Regt.
Harris, Gnr. J. A., 282 Army Brigade.
Holderness, Gnr. A., R.G.A.
Holden, Pte. W., R.A.M.C.
Hyre, Sgt., 20th Manchester Regt.
Howells, Driver, A. S., R.F.A.
Harvey, Pte., 6th Queen's Royal West Surrey.
Howes, Pte. R. P., R.A.F.
Harding, Gnr. C., 283 Siege Battery.
Jackson, Trumpeter W. R., R.F.A.
Knight, Pte. A. J., 1/6th Norfolk Cyclists.
Lambeth, Lce.-Cpl. King's Royal Rifles.
Livermore, Pte. A., Royal West Kents.
Moxey, Pte. J., R.A.M.C.
Miller, Sapper A. H., Royal Engineers.
Martin, Pte. E., Durham Light Infantry.
Nightingale, Pte. A., Coldstream Guards.
Nolf, Pte. Robt., Armee Belge en Campagne.
Oxman, Pte. F. C., Motor Transport Co.
Palmer, P/C. F., Machine Gun Corps.
Pocock, Lce.-Cpl., 58th Division.
Richmond, Pte. A. E., R.D. Corps.
Roach, Pte. J., R.H.A.
Reddin, Pte. G. W., 6th Res. Veterinary Hospital, A.V.C.
Ranger, Pte. H. T. 2/7th City of London Regt.
Stainer, Driver, L. C., R.F.A.
Seabrook, Drummer W., 19th Middlesex Regt.
Smith, Pte. C. C., Royal Engineers.
Staines, Pte. A., 147th Labour Company.
Schweitzer, Pte., Middlesex Regt.
Williams, Sgt. A. E., 191st Infantry Brigade
Woollard, Pte. J. S., 17th Royal Fusiliers.
Wrench, Cpl. W., 295 P.O.W. Co.
Wood, Pte. S., Machine Gun Battn.

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OFFICE STAFF

KILLED IN ACTION

Evans, Capt. E. H. S. (Son of Mr. W. P. Evans), 18th Battn. Lancs. Fusiliers. Killed in action in France.

Burd, Sgt. H. G., 5th Border Regt. Killed in France.

Cartwright, Cpl. G., 1st Cheshires. Killed in France.

Burd, Pte. E. P., King's Liverpool Regt. Killed at Ypres.

ON ACTIVE SERVICE

Ahearn, Pte. D., King's Liverpool Regiment.
Backhouse, Pte. G., R.A.M.C.
Baddams, Cpl. W. D., R.G.A.
Bewley, Pte. A., 1st Cheshires.
Carney, Pte., King's Liverpool Regt.
Bouch, Pte. W., Manchester Regt.
Catterall, C., Able-Seaman, R.N.R.
Crawford, Pte. W. A., King's Liverpool Regt.
Coburn, T., Staff-Sergeant Instructo .
Connor, Cpl. F., R.A.M.C.
Cargill, Cpl. J. P., Sound Ranging Section, Royal Engineers.
Dodd, J. N., Able-Seaman, R.N.R.
Farrant, Pte. W., Mounted Machine Gun Corps.
Grimshaw, Pte. E., Army Veterinary Corps.
Hickson, Staff-Sergeant H., A.S.C.
Hall, Cadet C. J., Royal Air Force.
Humphreys, Pte. C., R.G.A.
Jenkins, Q.-M.-Sergeant J. H., Royal Air Force.
Jones, Staff-Sergeant A., King's Liverpool Regt.
Kibbey, Pte. P., R.G.A.
McLoughlin, Lieut.-Col. G. M.
Nicholls, Sgt. H. B., King's Liverpool Regt.
Parsonage, Signaller B. T., R.N.R.
Powell, Sec.-Lieut. J. J., A.S.C.
Pickstock, Cpl. A., 1st Cheshires.
Rice, Pte. J. B., Manchester Regt.
Rimmer, Spr. J. G., Royal Engineers.
Shierson, Pte. C. R., Manchester Regt.
Strong, Pte. J. S., Royal Welsh Fusiliers.
Teare, Sec.-Lieut. A. F., Loyal North Lancs.
Thompson, Pte. J. F., Manchester Regt.
Winskell, Sgt. H. S., King's Liverpool Regt.
Wright, Pte. A. E., R.A.M.C.
Wilkinson, Sec.-Lieut. J. R., King's Liverpool Regt.
Williams, Pte. P. H., 10th Liverpool Scottish.

WAREHOUSE STAFF

KILLED IN ACTION

Barnard, Sgt. Lionel. Killed in France.
Bennett, Pte. S. A., 2/7th K.L.R. Killed in France.
Brock, Lce.-Cpl. A. C., Royal Welsh Fusiliers Killed at Suvla Bay.
Garland, Pte. F. W., 1/6th King's Liverpool Regt. Killed at Beaumetz.
Hampson, Lieut. H. N., South Lancs. Regt. Killed in France.
Hughes, Pte. A., King's Liverpool Regt. Killed in France.
Hircock, Pte. James, 17th King's Liverpool Regt. Killed in France.
Lee, Pte. Peter, 13th King's Liverpool Regt. Killed in France.
Osborne, Sgt. John, King's Liverpool Regt. Killed near Guillemont.
Prendergrast, Pte. F., 1st Liverpool Rifles. Killed in France.
Taylor, Sgt. George C., 1st Liverpool Scottish. Killed in France.
Walker, Pte. A., Royal Irish Regt. Killed at Ypres.

DIED IN HOSPITAL

Cooper, Pte. James, King's Liverpool Regt.
Cooper, Pte. J., King's Liverpool Regt.
Eaglesfield, Sec.-Lieut. W., M.M. and M.S.M

ON ACTIVE SERVICE

Andrews, Cpl. J., Signal Corps, Royal Engineers.
Bailey, Stkr. J., H.M.S. "Canada."
Ball, Pte. W., 10th Liverpool Scottish.
Bandall, Pte. D., King's Liverpool Regt.
Bell, Pte. G. H., King's Liverpool Regt.
Bennett, Sgt. B. J., R.A.M.C.
Bradshaw, Pte. George, A.S.C.
Brazier, Pte. David, 10th Liverpool Scottish.
Bridgman, Pte J., King's Liverpool Reg t.
Booth, Pte. W., Army Ordnance Corps.
Broadhurst, Pte. H., R.A.M.C.
Burns, Pioneer R. J., Royal Engineers.
Byrne, Pte. T., 10th Liverpool Scottish.
Clendinnen, Sgt. A. E., Yeomanry.
Clayton, Pte. N. G., King's Liverpool Regt.
Chapman, Pte. H., King's Liverpool Regt.
Cooksley, Pioneer F. M., M.M., Machine Gun Sect. Roy Eng.
Collinson, Pte. F., 6th King's Liverpool Regt.
Corlett, Stkr. E., H.M.S. "Minotaur."
Cross, Pte. P. J., Irish King's Liverpool Regt.
Cross, Pte. S., South Lancs. Regt.
Darley, Pte. W., R.A.M.C.
Davis, Driver J. W., R.G.A.
Davies, Cpl. Walter Sidney, 5th King's Liverpool Regt.
Dobson, Pte. C. S., 10th Liverpool Scottish.
Dodd, Pte. G. P. G., Machine Gun Sect., Royal Engineers.
Dunbreck, Sgt. Wallace, R.A.M.C.
Eccleston, Cpl. John, 2/5th King's Liverpool Regt.
Edgar, Sgt. Robert, R.A.M.C.
Edwards, Gnr. T., R.F.A.
Edwards, Cpl. E. G., R.A.M.C.
Edwards, Pte. William, 1st Battn. Welsh Regt.
Edwards, Cpl. W. L., R.A.M.C.
Evans, Gnr. Stanley, West Lancs. R.F.A.
Evans, Pte. T., King's Liverpool Regt.
Farrington, Drvr. Joseph, 2/1st Lancs. Heavy Battery, R.G.A.
Fazakarley, Cpl. R., Royal Field Artillery.
Fox, R., H.M.S. "Hazel."
Feeney, Pte. F., 1/8th Irish K.L.R.
Ferrie, Pte. A., South Lancs. Regt.
Gabbutt, B. P. W., King's Liverpool Regt.
Garth, Pte. E. P., King's Liverpool Regt.
Goldsworthy, Cpl. J., Military Hospital Ship "Valdivia."
Green, Pte. E., 1/10th Liverpool Scottish.
Green, Pte. F. C., 1/10th Liverpool Scottish.
Greenhalgh, Pte. J., South Wales Borderers.
Hand, Pte. H., R.A.M.C.
Hartshorn, Pte. G., King's Liverpool Regt.
Hartley, Pte. Robert, R.A.M.C.

EVANS SONS LESCHER & WEBB Ld.—*Continued*

LIVERPOOL STAFF: On Active Service—*Continued*

Hand, Trooper J., Duke of Lancs. Own Yeomanry Coy.
Hastewell, Pte. W., 1st King's Liverpoo Regt.
Haygarth, Sgt. T. H., Pigeon Dep., Royal Engineers.
Haxby, Cpl. Loftus, R.A.M.C.
Heap, Pte. C., 15th Cheshires.
Hird, Spr. S. R., 23rd Rifle Brigade.
Heywood, Pte. E., Labour Battn.
Hooley, Pte. W., King's Liverpool Regt.
Hunter, Pte. R., 1/10th Liverpoo Scottish.
Hutt, Pte. J. A., R.A.M.C.
Ireland, Pte. W., 1/10th Liverpool Scottish.
Irvine, Sgt. J. J., R.A.M.C.
Jones, Pte. E. S., Royal Welsh Fusiliers.
Jones, Pte. Frederick, King's Liverpoo Regt.
Jones, Cp. W. H., Royal Welsh Fusiliers.
Johnson, Pte. J. G., Army Service Corps.
Johnson, Pte. W. R., R.A.M.C.
Kay, Sgt. J., R.A.M.C.
Kelly, Driver Dennis, Royal Field Artillery.
Kelly, Pte. Ernest, King's Liverpool Regt.
Kilfoyle, Pte. J., 2nd Battn. Camel Corps Egypt.
Kerr, Signalman D., R.N.V.R.
Kneen, Pte. L. M., Lancs. Fusiliers.
Lethbridge, Pte. P., 2/5th King's Liverpool Regt.
Lightowler, Pte. W., Royal Engineers.
Liddell, Pte. F. W., Royal Engineers.
Little Pte. T., Auxiliary Steam and Petrol Co.
Lloyd, Srvr. W. H., Royal Field Artillery.
Little, F., H.M.S. "Benbow."
Lucas, Sgt. W. J., King's Liverpool Regt.
McAdam, Sgt. Robert, 10th Liverpool Scottish.
Mawdsley, Stkr. J., H.M.S. "Cumberland."
Morris, Spr. F. W., Royal Engineers.
McLeod, Pte. W., 8th Cheshires.
Murphy, Pte. Frank, Army Service Corps.
Nettleton, Sec.-Lieut. Thomas A., King's Liverpool Regt.
Owens, Pte. J. H., 12th King's Liverpool Regt.
Olden, Pte. J., A.S.C.
Parker, Pte. E. W., 10th Liverpool Scottish.
Parkes, Pte. Henry, King's Liverpool Regt.
Parry, Pte. G., King's Own Yorkshire Light Infantry.
Parry, Lieut. John H., Royal Air Force.
Pennington, Cpl. A., Welsh Regt. Pioneers.
Powell, Pte. T., Machine Gun Sect. Royal Engineers.
Price, Driver C., Army Service Corps.
Paynter, Pte. G., King's Liverpool Regt.
Prescott, Pte. W., King's Liverpool Regt.
Quayle, Pte. R. H. Dublin Fusiliers.
Randall, Bomb. J., M.M., R.F.A.
Reed, Able-Seaman J. J., H.M.S. "Cochrane."
Riley, Cpl. J., Royal Field Artillery.
Riddock, Pte. C., 10th Liverpool Scottish.
Rice, Pte. J. B., Army Service Corps.
Rhodes, Pte. W., Coldstream Guards.
Richards, Pte. W., King's Liverpool Regt.
Roberts, Cpl. R., 10th Liverpool Scottish.
Ruddock, Gnr. C. H., Royal Field Artillery.
Rees, Pte. D. J., No. 22 Labour Coy.
Ronson, Pte. W. J., King's Liverpool Regt.
Robinson, Pte. H., Attached Royal Flying Corps.
Rowland, Pte. T., R.A.M.C.
Rowland, Q.-M.-Sgt. R. H., Royal Engineers
Smith, Pte. G. A., 10th Liverpool Scottish.
Smith, Sgt. Charles J., King's Liverpool Regt.
Spencer, Cadet C. H., Loyal North Lancs.
Stirling, Pte. James, 23rd Cheshires.
Taylor, Pte. W., R.A.M.C.
Taylor, Signaller T., R.G.A.
Tedcastle, Sec.-Lieut. Cecil, Tanks Corps.
Thompson, Pte. James, R.A.M.C.
Thomas, Gnr. Frederick G., R.F.A.
Thomas, Pte. Robert J. E., King's Liverpool Regt.
Turner, Sgt. T., Sec. West Lancs. R.A.M.C.
Tomlinson, Pte. T., 8th Cheshires.
Taggart, Pte. W. R., Labour Battn.
Voce, Pte. R. J., King's Liverpool Regt.
Wallington, Pte. W. H., R.A.M.C. Field Ambulance.
Wands, Pte. F. R., West Lancs. Field Ambulance.
White, Pte. J. R., West Lancs. Field Amb.
Wiles, Pte. W., King's Liverpool Regt.
Williams, Pte. D. J., King's Liverpool Regt.
Williams, Pte. L. G., King's Liverpool Regt.
Williams, Pte. W. H., King's Liverpool Regt.
Wilson, Herbert, H.M.S. "Macedonia"
Wilkinson, Lce.-Cpl. A., Royal Welsh Fusiliers
Wood, Sgt. J. H., King's Liverpool Regt.
Woolfall, Pte. R., King's Liverpool Regt.
Wright, Driver Walter, Royal Field Artillery
Tunstall, Cpl. George, Royal Engineers. (Drowned at sea whilst on Active Service).

LABORATORY AND MILLS

KILLED IN ACTION

Boothroyd, Pte. E., King's Liverpool Regt. Killed at Guillemont.
Dawe, Pte. S., King's Liverpool Regt. Killed in France.
Gilduff, Cpl. J., King's Liverpool Regt. Killed at Ypres.
Gore, Pte. E., King's Liverpool Regt. Killed in France.
Leach, Pte. E., King's Liverpool Regt. Died of wounds received in France.
McClarence, Sec.-Lieut. S., Northumberland Fusiliers. Killed in France.
Mulligan, Sgt. H., K.O.R. Lancs. Killed in France.
Pywell, Pte. A., H.L.I. Killed at Mons.
Reilly, Driver W., A.S.C. Killed in France.
Thomas, Stoker J. E., H.M.S. "Queen Mary." Killed in action on board H.M.S. "Queen Mary."

ON ACTIVE SERVICE

Ainsworth, Lce. Cpl. J., King's Liverpool Regt.
Ash, Pte. H., Royal Irish Regt.
Ball, Gnr. J., Royal Field Artillery.
Billings, Lce.-Cpl. J., Royal Innis. Fusiliers.
Birchall, Signaller H., Royal Garrison Artillery.
Bird, Pte. J. H., R.M.L.I.
Blackburn, Pte. J., North Stafford, Regt.
Burns, Bomb. T., Royal Field Artillery.
Byron, Cpl. E., Loyal North Lancs.
Cameron, Q.-M.-Sgt. D., South Lancs. Regt.
Chapman, Gnr. D., Royal Garrison Artillery.
Coffey, Pte. E., Cheshire Yeomanry.
Cole, Pte. F., R.A.M.C.
Disley, Pte. J., King's Liverpool Regt.
Dougherty, Pte. J. (————).
Doyle, Pte. G. (————).
Elston, Pte. G., R.A.M.C.
Esselbeck, Pte. W., Cycle Corps Battn.
Fletcher, Pte. T., Lancs. Fusiliers.
Halliwell, Pte. J., A.V.C. Canada.
Hampson, Sgt.-Major J., King's Liverpool Regt.
Hanley, Pte. D., Durham Light Infantry.
Hayes, Signaller A. J., Cheshire Regt.
Hepplewhite, Pte. H., R.A.F.
Horrigan, Cpl. H., R.A.M.C.
Huddlestone, Gnr. S., R.G.A.
Hughes, Cpl. J. J., M.M., South Wales Borderers.
Hughes, Pte. J. Lancs. Fusiliers.
Jacques, Pte. T., King's Liverpool Regt.
Johnson, Rifleman C., King's Liverpool Regt.
Johnson, Pte J., R.A.M.C.
Johnson, Pte. R. A., Royal Welsh Fusiliers.
Jones, Sgt. J., M.M., King's Liverpool Regt.
Ledsham, Pte. J., R.A.M.C.
Lynch, Pte. T., King's Liverpool Regt.
McLay, Gnr. D., Royal Garrison Artillery.
McPherson, Cpl. S. (————).
McVeigh, Farrier A., King's Liverpool Regt.
Mahon, Pte. D. Cheshire Regt.
Nolan, Pte. E., King's Liverpool Regt.
Owen, Sgt. T., Liverpool Scottish.
Pinnington, Bomb. G., R.G.A.
Ramsey, Pte. J., R.A.M.C.
Robarts, Staff-Sgt. E. V., R.A.M.C.
Roberts, Pte. A., King's Liverpool Regt.
Roberts, Sgt. R., King's Liverpool Regt.
Shallbross, Pte. J., M.M., King's Liverpool Regt.
Shallcross, Cpl. W., K.O.R.L.
Shaw, Trooper G., Warwick Yeomanry.
Sloan, Pte. B., K.O.Y.L.I.
Smith, Pte. T., A.O.C. Dock Detach.
Stevenson, Pte. G., King's Liverpool Regt.
Such, Sgt. W., King's Liverpool Regt.
Swan, Pte. W., King's Liverpool Regt.
Swift, Pte. R., Cheshire Regt.
Taylor, Signaller A., K.S.L.I.
Titchmarsh, Pte. T., Liverpool Scottish.
Todd, Pte. A. F., Royal Welsh Fusiliers.
Valve, Rifleman H. De, King's Liverpool Regt.
Webb, Sgt. G. (Croix de Guerre, Belg.), King's Liverpool Regt.
Webb, Pte. H., (————).
Whitty, Pte. W., Cheshire Regt.
Woodfine, Pte. T., Lancs. Fusiliers.

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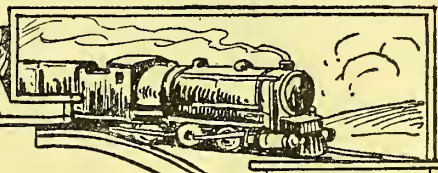

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Summary of the Report presented at the Seventieth Annual Meeting, held on March 6th, 1919.

ORDINARY BRANCH.—The number of policies issued during the year was 84,453, assuring the sum of £13,846,213, and producing a new annual premium income of £1,293,182. The premiums received were £6,770,839, being an increase of £1,275,634 over the year 1917.

The claims of the year amounted to £5,337,976, of which £405,078 was in respect of War Claims. The number of deaths was 16,276. The number of endowment assurances matured was 31,745, the annual premium income of which was £169,632.

The number of policies including annuities in force at the end of the year was 961,578.

INDUSTRIAL BRANCH.—The premiums received during the year were £9,736,403, being an increase of £359,545.

The claims of the year amounted to £4,982,416, of which £1,119,512 was in respect of 66,930 War Claims. The total number of claims and surrenders, including 30,279 endowment assurances matured, was 430,335.

The number of free policies granted during the year to those policyholders of five years' standing and upwards who desired to discontinue their payments was 55,374, the number in force being 2,014,311. The number of free policies which became claims was 50,935.

The total number of policies in force in this Branch at the end of the year was 22,256,570; their average duration is fourteen years.

The War Claims of the year, in both Branches, number 71,814 and amount to £1,524,590. The total paid up to the present on this account since the outbreak of War exceeds £4,900,000, in respect of over 230,000 claims.

GENERAL BRANCH.—Under the Sickness Insurance Tables the premiums received during the year were £6,168 and £3,777 was paid in Sickness claims. Sinking fund policies have been issued assuring a capital sum of £210,525, and producing an annual income of £5,064.

Attention is called to the fact that the Company is now transacting Trustee and Executor business. The securities on this account are held entirely apart from the Funds of the Company, and do not appear in the Balance Sheet.

The Aircraft (Personal Injury) policies provide insurance not only against the risk of air raids, but also against risks of injury which may be received from our own aeroplanes. There is thus a liability still to be provided for. The General Branch is also liable for over £7,000,000 for additional sums assured payable in case of death from accident arising from any cause to holders of Ordinary Branch War Bond policies. In these circumstances it has been found necessary to retain the whole of the General Branch Fund of £59,131 in reserve against liabilities.

The assets of the Company, in all branches, as shown in the balance sheet, are £113,364,362, which after deduction of the balance of £4,237,500 owing in respect of the advance from our Bankers for purchase of War Loan shows an increase of £5,330,991 over 1917.

In the Ordinary Branch the surplus shown is £1,311,546, including the sum of £178,412 brought forward from last year. Out of this surplus the Directors have added £250,000 to the Investments Reserve Fund, which stands as at 31st December, 1918, at £2,650,000, and £149,670 has been carried forward.

The Directors are pleased to be able to announce that a bonus of £1 6s. per cent. on the original sums assured will be allocated to participating policies in the Ordinary Branch which were in force on the 31st December, 1918. In view of the fact that normal peace conditions have not yet been restored, the Directors have felt it imperative to proceed with the greatest caution in the matter of distribution of surplus. They have, however, every confidence that in the future the Company will enter upon a period of renewed prosperity which will enable them to distribute bonuses equal to, if not exceeding, those of pre-War days.

In the Industrial Branch the surplus shown is £533,888, including the sum of £92,470 brought forward from last year. Out of this surplus the Directors have added £153,126 to the Investments Reserve Fund, which, after deducting £53,126 representing realised loss on investments, stands as at 31st December, 1918, at £1,800,000, and £70,885 has been carried forward.

The total surplus of the two branches, as shown by the valuation, is £1,845,434. Of this amount £250,000 has been added to the Investments Reserve Fund of the Ordinary Branch and £153,126 has been added to the Investments Reserve Fund of the Industrial Branch, £821,753 will be allocated to participating policies in the Ordinary Branch and £400,000 to the shareholders in accordance with the Articles of Association of the Company, leaving £220,555 to be carried forward, namely £149,670 in the Ordinary Branch and £70,885 in the Industrial Branch.

The provisions of the Courts (Emergency Powers) Act are still in force and continue to affect the Company's resources adversely. The reserve of £350,000 set aside last year has been absorbed to the extent of £250,000 in meeting the losses due to the operation of the Act, leaving £100,000 still reserved to meet losses from this cause to which the Company is still exposed.

The close of the year was marked by the worst epidemic of influenza that has visited this country for many years past. As in all matters which affect the health and well being of the Nation, the effects of the epidemic were felt by the Company at once with extreme severity, and during the period from the 2nd November to the end of the year a sum exceeding £650,000 was paid in the Industrial Branch alone on civilian claims due to this cause. The consequent strain on the Funds of the Company, added to the heavy total paid in War Claims during the year, is sufficient to explain the impossibility which has confronted the Directors of resuming the payment of bonus in the Industrial Branch under the profit-sharing scheme of the Company.

The Company has continued to make up the difference between the Service and Civilian pay of all members of the staff who are serving in His Majesty's forces.

Apart from the Ordinary Branch Contingency Fund of £500,000, and in addition to the reserves held against the liabilities shown by the valuation, an amount exceeding £4,770,000 has been reserved or carried forward, and is available to meet depreciation of securities and other contingencies.

The four Prudential Approved Societies have during the year paid to their members benefits amounting to approximately £1,492,000, making a total of over £8,500,000 paid since National Insurance was introduced. The number of persons admitted to membership of the Societies during the year was 293,126, of whom no less than 201,284 were women.

The loyal service rendered by the indoor and outdoor staff during the War was maintained throughout the year, and the Directors wish to record their appreciation of the manner in which the work of the Company has been carried on in face of the increasing difficulties. The Directors rejoice that the period of unexampled strain on the staff, both male and female, shows signs of coming to an end, and hope that an amelioration of War conditions will follow on the return of their many comrades who have been serving with the Forces.

The London Ambulance Column, of which the Prudential V.A.D. form one-third of the bearer detachments, have maintained a constant service night and day throughout the War, and have cleared every train which has reached the London District, thus dealing with over 600,000 wounded and sick men and women.

Messrs. Deloitte, Plender, Griffiths & Co. have examined the securities, and their certificate is appended to the balance sheets.

THOS. C. DEWEY, *Chairman.*

J. H. LUSCOMBE, W. EDGAR HORNE, } *Directors.*

J. BURN, *Actuary.*

G. E. MAY, *Secretary.*

A. C. THOMPSON, *General Manager.*

The full Report and Balance Sheet can be obtained upon application.

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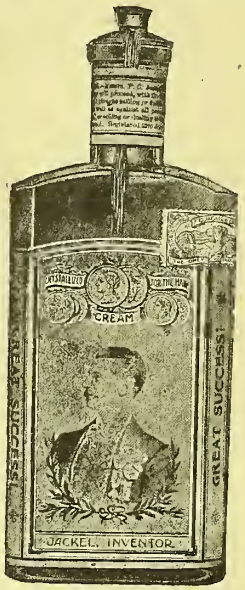

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Maw's Page

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7/12, ALDERSGATE ST.,
LONDON,
ENGLAND,
E.C.1.

TELEPHONE: CITY 7. Private Branch Exchange
TELEGRAMS: ELEVEN CENT LONDON
CABLES: ELEVEN LONDON CODE A B C 4th & 5th EDITION

No. 389.
MARCH 29, 1919.

After all, it's quality that matters. The care and attention given to the production of every "Maw line," the skilled workmanship, the selected materials, the "get-up" and appearance that puts the hall-mark of excellence on each individual item emphasises in every way "Maw's—the House of the Moment."

"SANTORA" SPUTUM FLASK.

Made in blue glass and fitted with metal cap containing a leak-proof rubber disc. The "Santora" is concave on one side, specially suitable for carrying in the pocket. Each in attractively labelled box. 7/6 dozen. With I.R. cork 8/6 dozen.

PEOPLE IN THE "PAREX" NEWS

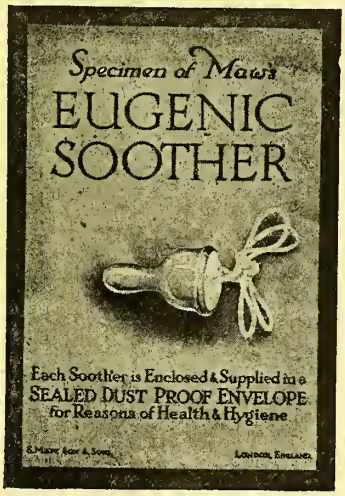
The daily toilet of the modern man and woman is incomplete without the cleansing of the teeth *and* mouth by a proven and reliable dentifrice. The selection of "Parex" Dental Cream is a natural one. It is "As perfect as science can make it," and is fresh, fragrant, and antiseptic from the first squeeze of the tube to the last. Each in dainty sale-ensuring Carton. Price 10/- dozen. The Dentifrice de Luxe.

SOOTHER-SENSE

SOME UNIQUE FEATURES OF

MAW'S "EUGENIC."

5/6
DOZ.



THIS ATTRACTIVE CARD MEASURES 8½ × 6 in.

There is nothing quite like Maw's famous "Eugenic" Soother. It is made of pure transparent rubber, fitted with bone mount and cord, and enclosed in a *sealed dustproof envelope*. It reaches the customer in a clean and hygienic condition and minimises microbe risks. The "Eugenic" is moulded on natural lines, and enjoys a ready sale. Price 5/6 dozen. Display card with initial order.

THE M.P. (MENTHOL AND PINE) INHALER

THESE actual-size illustrations of Maw's M.P. Inhaler reveal the splendid value offered. Only 4/6 dozen, this vest-pocket appliance consists of a glass mouth tube with antiseptic india-rubber nose piece. It is charged with a menthol and pine inhalant ready for use.

SPECIAL OFFER:—With an initial order for only 3 dozen M.P. Inhalers we dispatch a magnificent cut-out showcard, measuring 20 in. high, with a base of 16 in., on which an actual M.P. Inhaler can be displayed in use! Try the M.P. Inhaler on your counter. 4/6 dozen.

WHAT did you pay for that ——— ?

From whom did you buy it, and when?

No, you can't remember! And how long will you take to look it up?

Is it worth 9/6 to you to have all your cost prices at your finger tips?

ASK FOR OUTFIT No. 111. SATISFACTION OR MONEY BACK.

144-page illustrated Catalogue of Loose-leaf systems FREE *on request.*

MOORE'S MODERN METHODS, LIMITED,

(Room 5) 12 ST. BRIDE STREET, LONDON, E.C. 4.

Telephone 2575 and 2576 Holborn.

ZEAL'S REGISTERED

Clinical Thermometer

The "REPELLO"

Requires no shaking down. *Guaranteed Accurate.*

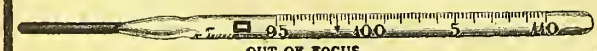
A 30-Second Pushed back in an instant.

Good Selling Lines for Chemists

NEW IMPROVED LENS FINDER

The only Easy Reading Magnifying Clinical Thermometer on the Market.

IN FOCUS.



OUT OF FOCUS.

The square mark engraved on lens front locates the Mercury column immediately.

SPECIAL AWARD AND GOLD MEDAL, NEW ZEALAND, 1907.
SILVER MEDAL, INDIA, 1909. SILVER MEDAL, LONDON, 1913.

G. H. ZEAL, 82 Turnmill St., LONDON, E.C.

Wholesale Manufacturer of

CLINICAL THERMOMETERS.

CONTRACTOR TO H.M. GOVERNMENT.

Established 1888. Telephone No.: 12438 Central.

GOOD! IT'S MASON'S

The Drink for the Masses

Millions of glasses used daily by workers all over the Empire

Please allow us to Sample and Quote—

Citrate Magnesia
Health Salt
Salines
Liver Salt
Blood Salt
Sulph. & Sarsap. Salt
Lemonade Crystals, &c.

NEWBALL & MASON

NOTTINGHAM

PUT THE

Ker-nak

BOY

IN YOUR WINDOW NOW!

EXPENSIVE MODEL LENT FREE.

This beautifully coloured figure, standing 24 inches high, will be sent securely packed in crate, carriage paid, to every chemist purchasing **Ker-nak Pills to the value of 50/-**. These will be supplied on the usual Window Show Terms of 5 per cent.

The only stipulation is that, after 2 weeks' show, the Ker-nak Boy must be sent to a new address which will be supplied.

ORDER FORM.

NAME .....

Address ..... *Date* .....

To Messrs. C. E. Fulford, Ltd., Carlton Hill, Leeds.

Please send "Ker-nak Boy." I agree to give 2 weeks' window display, and forward the figure (carriage at your expense) to a new address which will be supplied. I enclose order which includes at least 50/- value of Ker-nak.

Yours truly,

Signature .....

PRICES OF KER-NAK: 1/3 size, **12/6** doz.; 3/- size, **28/-** doz. (Minimum Prices Face Value)

The Holoyd Page

The Broad Outline

is the first of the series of papers which will be the chief feature of the

Holoyd Salesmanship Course

These are being written and the course conducted by a man who knows the Science of Salesmanship as few know it.

"The Broad Outline" is free to all Pharmacists and their assistants who will ask for it, and asking for it commits you to nothing. Originality of treatment and real aid and helpful collaboration will be the basis on which our expert will build, and this first paper will give you "the note."

Write us now—address

The Sales Expert and Organizer

at address below.

Compressed Tablets

The bulk production of Compressed Tablets, from $\frac{3}{16}''$ to $2''$ diameter, will be one of our principal activities in our new and considerably enlarged Laboratories.

There is no form of Tablet we are not prepared to manufacture, and we shall welcome inquiries from bulk buyers for Tablets, either from their own or official formulæ.

Let us hear from you.

The Holoyd Laboratories
Green Lane, Small Heath
BIRMINGHAM.

2376

A page of Shaving Brushes!

Variety draws; the Selection makes the Market. Big stocks are not so essential as width of range. Given the latter, there is no reason why the Pharmacist should not do the Shaving Brush business. It is easy, clean, quick and remunerative. We offer the following as the nucleus of a new and wider range.

No. 60, SHAVING BRUSHES

Imitation Badger, Aluminium Socket, Wood Handle. Every brush guaranteed.

Size	4	6	7	8	
	26/-	28/-	34/-	36/-	per dozen

No. 62, SHAVING BRUSHES

Best imitation Badger, Bone Socket and Handle. Every brush guaranteed.

Size	2	3	4	5	
	28/-	38/-	45/-	54/-	per dozen

THE "ARISTO" SHAVING BRUSHES

Finest imitation Badger hair, Bone Sockets and Handles. A really perfect brush.

Size	1	2	3	4	5	6	
	27/-	33/-	42/-	48/-	57/-	66/-	per dozen

We have, for the times, a wide range of various Toilet Brushes, Nail Brushes, Hair Brushes, Tooth Brushes and Cloth Brushes. You are safe in putting them on your general order to AYRTON'S.

Order your SHAVING BRUSHES with your DRUGS, SUNDRIES and PACKED GOODS!

AYRTON, SAUNDERS & CO. LTD.
LIVERPOOL

LONDON. NEW YORK.

If we can SAVE YOU MONEY by quoting you

RELIABLE GELATINES

at PRICES LOWER than you are PAYING, you will appreciate that we don't need a full page to bring it to your notice—YOUR BUSINESS INSTINCT will do that—all you want is our address:

Telegrams: "Maiden Southport" Code: A B C, 5th Edition.

ALBERT E. MAIDEN, SOUTHPORT

A postcard to-day will bring you samples and rock-bottom prices by return.

Telephones: 244 & 540 Southport.

Do You Sell Sister Lauras Food?

The question is often asked nowadays. The Chemist who does not stock Sister Lauras Food is missing a good line.

Sister Lauras Food is achieving great success as a preparation for weakly babes and for invalids and the aged.

It makes milk digestible and is invaluable in cases of malnutrition.

It is a thoroughly reliable line and one that brings a handsome return.

Price 1/- & 2/6 per tin. *Samples and advertising matter free on application.*

SISTER LAURAS INFANT FOOD CO., Ltd., 156 Vincent Street, GLASGOW.

Mustard?

—Yes! Rigollot's Mustard Leaves for Plasters. The original and only genuine.

OF ALL CHEMISTS AND STORES IN 6d. & 1/- Packets and 1/6 Tins.

67 Southwark Bridge, London, S.E.

The Display of well-advertised high-class lines marks the progressive trader, and attracts the best customers.

FAWCETT'S Natural Process BARLEY

FAWCETT'S, Barley Food Specialists, CASTLEFORD, Yorks.

Saint-Raphaël

Tonic, Restorative, Digestive Wine.

Known throughout the World, and prescribed in all cases of ANÆMIA, DEBILITY, and CONVALESCENCE, to Young Women, Children and the Aged.

DOSE: One Wine-glass after the two principal Meals.

Recommended by—
Prof. BOUCHARDAT, Professor of Hygiene, Paris Faculty of Medicine.
Dr. MacNAUGHTON JONES, London, England.

"For more than thirty years St. Raphaël Wine has been exclusively prescribed, with success, in the Paris hospitals as a pure tonic, by eminent physicians, such as Magendie Rostan Chomel, Velpeau, Requin, Monneret, Trousseau, Grisolle, Laënnec, &c."—*Union Médicale*, May 8 and June 12, 1873.

"The 'Vin de St. Raphaël' is often used for ladies nursing their own children; it is preferable to stout, which creates an unhealthy fat."—*The Lancet*, London, England.

"St. Raphaël Wine is most precious in all cases where it is necessary to give tone to the system, without effort or shock."—Dr. C. Des Barres.

Cie du VIN SAINT RAPHAEL, Valence, Drome, FRANCE.

To be obtained from all Wholesale Druggists.

GELATINES

FINE LEAF GELATINE
PURE CALF

"ALBION" BRAND

(In 1 lb. Packets.
112 × 1 lb. Packets to Case.)

MADE IN ENGLAND.

FINE CRYSTAL GELATINES.
PURE SKIN GELATINES.
POWDERED GELATINES.

Samples on application from

OURY, MILLAR & CO.,

Telegrams:
"OLMENTH,
LONDON."

9 Mincing Lane,
LONDON, E.C.

Telephone:
4978 AVENUE.

THE MOST ECONOMICAL INFANTS' FOOD.

TRADE MARK "FRAME FOOD"

ON P.A.T.A. LIST. *SHOWCARDS FREE.*

FRAME FOOD CO., Standen Road, Southfields, London.

LIQ. SANTAL FLAV. c. BUCHU et CUBEBA

(Hewlett's)

Packed for dispensing only, in 10, 22, 40 & 90 oz. bottles.

"Experience has shown this preparation to possess the same efficacy as Santal Oil itself. It mixes clear with water, and has a taste by no means disagreeable."

The Practitioner.

VIROPHOS

TRADE MARK

Of proved utility in Nervous Diseases, and a powerful Restorative for the Digestive Organs and Nervous System.

A Valuable Tonic Food for Children.

"It is of high nutritive value enhanced by the presence of assimilable phosphates."—*The Lancet.*

Wholesale Prices.

No. 1.	1½ oz. Tin ..	9/-	per doz.
" 2.	3¼ " " ...	14/6	"
" 3.	6½ " " ...	24/-	"
" 4.	12 " " ...	42/-	"

MIST. PEPSINÆ CO. c. BISMUTHO

(Hewlett's)

Packed for dispensing only, in 10, 22, 40 and 90 oz. bottles.

"Obviously likely to be of much advantage in the frequent cases of irritative dyspepsia, with atony of gastric or intestinal muscular layers."

British Medical Journal.

Introduced and Prepared only by C. J. HEWLETT & SON, Ltd., Wholesale Druggists, 35–42 Charlotte St., London, E.C. 2.

Recommend it for Convalescence

Doctors prescribe Turtle Soup in all cases where the patient cannot retain any other nutriment.

FREEMANS REAL TURTLE EXTRACT

is the real meat of selected West Indian Turtles, compressed into handy tablets; it provides all the delicacy and nourishment of soup made from fresh killed turtles, and is quickly prepared as it requires nothing but boiling water.

For hospitals, nursing and convalescent homes it can be strongly recommended as the best, safest and handiest invigorator obtainable.

The trade terms are particularly favourable, and particulars can be obtained by writing to

The Watford Mfg. Co. Ltd.
Delectaland, WATFORD

Freemans FOOD PRODUCTS Watford S.A.A.

WINOX Wine Food

is a high-class Pharmaceutical Wine, containing all the food elements of Meat, Malt and Unfermented Grape Juice.

Unsurpassable for Influenza; invaluable for Anæmia, Lassitude, Neuralgia, Nerve and kindred troubles.

Winox will stand any climate, and contains no harmful drugs.

Price **5/6** per bottle retail. Chemists who do not already stock Winox should apply for price to Winox Ltd., Richmond, Surrey.

New Product of Genatosan, Ltd.

GENASPRIN

(Brand of acetyl-salicylic acid)

Nearly 80 p.c. Profit on your Capital Outlay

"The claim is substantiated that this preparation (Genasprin) is a particularly pure specimen of acetyl-salicylic acid," says *The Lancet*; and a Physician writes in *The Medical Times*: "In Genasprin we have an aspirin tablet possessing marked advantages over all other forms of acetyl-salicylic acid."

That is why we are confident, with *your* co-operation, of making this the best selling aspirin on the market. Owing to the shortage of bottles our advertising is at present restricted, but it will be gradually extended, and meanwhile we can guarantee prompt delivery of all orders from pharmacists everywhere who would like to anticipate the coming demand.

Note these Generous Trade Terms and order Genasprin *now*.

Face Value. Retail price per doz., one size only, 2/- ('5 Tablets)	Trade price per doz.	Profit per doz.	Percentage of Profit on Capital Outlay	Percentage of Profit on Sale
24/-	16/-	8/-	50%	33⅓%
10% Advertising Discount for *Mixed* Order (Sanatogen, Formamint, &c., including any quantity of Genasprin) to total £7 10 0				
24/-	14/5	9/7	66.5%	40%

Special advertising discount for Direct Cash Orders (Genasprin only)

For every Retail Order for 7 dozen Bottles an allowance of ½-dozen additional Bottles is made, in consideration of a fortnight's window show being given.

7½ Doz. Bottles at 2/- each	Trade Price for 7 doz., less 10% Advertising Discount on £5 order. Genasprin only	Profit per 7½ doz.	Percentage on Capital Outlay	Percentage on Sale
£9 0 0	£5 0 10	£3 19 2	78.5%	44%

GENATOSAN, Ltd. (British Purchasers of The Sanatogen Co.)

12 CHENIES ST., LONDON, W.C. 1. (*Chairman :* The Viscountess Rhondda.)

DEARBORN Limited,

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialties.

		Price per doz. to Retailer.	Selling Price P.A.T.A.
PILENTA SOAP	a complexion soap	10/-	1/-
PROLACTUM	for the lips	10/-	1/-
PARSIDIUM JELLY	for wrinkles	10/-	1/-
ALLACITE OF ORANGEBLOSSOM	a dressing cream	22/6	2/6
BORANIUM	a hair tonic	22/6	2/6
CLEMINITE	for a face lotion	22/6	2/6
COLLIANDUM	for a face-tint	22/6	2/6
ONALITE	a foot powder	22/6	2/6
PERGOL.	a deodorant	22/6	2/6
STALLAX	for a shampoo	22/6	2/6
JETTALINE	for clearing the skin	31/6	3/6
PHEMINOL.	a depilatory	36/-	4/-
MENNALINE	for the eyelashes	36/-	4/-
MERCOLIZED WAX	a face cream	31/6	3/6
STYMOL	for oily complexions and blackheads	36/-	4/-
BARSYDE	dandruff eradicator	22/6	2/6
TAMMALITE	for grey and faded hair	22/6	2/6
LIQUID PERGOL.	to check excessive perspiration locally	31/6	3/6
BICROLIUM	for whitening the hands	22/6	2/6

STOCKED BY ALL WHOLESALE HOUSES.

COLONIAL DEPOTS AND AGENCIES.

AUSTRALIA.
ALL WHOLESALERS
and
DEARBORN Ltd.
Grace House,
Clarence St.,
Sydney.

SOUTH AFRICA.
LENNON & CO., Ltd. (Cape Town).
SIEVE BROS & KARNOVSKY (Johannesburg).

INDIA.
KEMP & CO., Ltd. (Bombay).
SMITH, STANISTREET & CO. (Calcutta).

NEW ZEALAND.
SHARLAND & CO., Ltd. (Auckland and Wellington).

SOUTH AMERICA.
DEARBORN, LTD.
CALLA SALTA, 264,
Buenos Aires.

NOSTROLINE

TRADE MARK REGd

INSURES NASAL HYGIENE

PROTECTS AGAINST

INFLUENZA

PROMPT DELIVERY.

Small lots mailed by return. Bulk orders sent by first passenger train. Remittance insures immediate attention.

1 doz. 11/9, 3 doz. 33/9, 1 gross 135/- delivered.

To meet the Demand send your orders to-day.

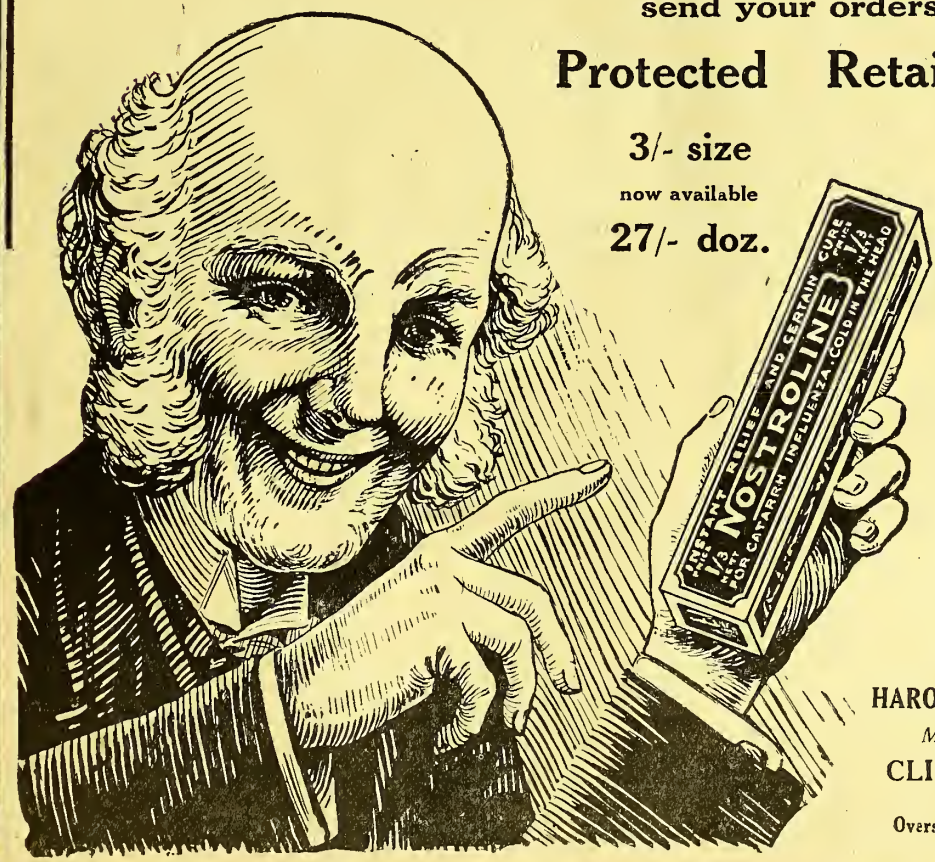
Protected Retail Price,

3/- size

now available

27/- doz.

1/3



'NOSTROLINE'
Nasal Specific
Prevents & Cures
COLD IN THE HEAD, NASAL CATARRH, INFLUENZA, HAY FEVER, etc.

Please advise us immediately of any difficulty in obtaining supplies.

HAROLD E. MATTHEWS & Co.
Manufacturing Chemists,
CLIFTON, BRISTOL.

Overseas Correspondence Invited.

EVIL SPIRITS are kept out of, and the GOOD SPIRITS are kept in, any bottle of essence capped with a

SEMREH

BOTTLE CAP.

AIR-TIGHT and SPIRIT-PROOF. SELF-FIXING, too.

Details from

The VISCOSE Development Co., Ltd., BROMLEY, KENT.

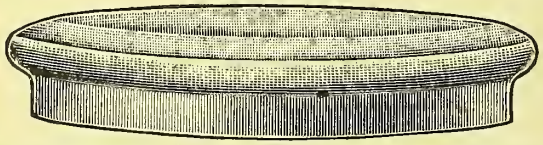
'Ongard' Guarded Coil Safety Pins RUST PROOF.

For Surgical & Nursery Purposes.

SOLE MANUFACTURERS

GEORGE GOODMAN LTD., BIRMINGHAM.

Stocked by JAMES L. HATRICK & CO., LTD., 70 St. John St., Clerkenwell Rd., LONDON, E.C. 1.



CELLULOID CAPS

for Pots and Bottles.

F. W. DUROSE,

45 Queen Street, SMETHWICK, BIRMINGHAM.

Telegrams : "Durose Smethwick."

Essential Oils & Crude Products for Distillers. M. GILBERT, VINCENNES, Near PARIS.

IMMEDIATE DELIVERY

GATES' BOTTLE CAPPING SKINS

SNOW-WHITE OPAQUE ROLLED SKINS.

SOMETHING QUITE NEW. These Skins are damp and READY FOR USE. The raw material for Baudruche manufacture being now unobtainable, I have put this new production on the market in its place. ABSOLUTELY AS OPAQUE as Split skins and equal in appearance.

"Mine beat all others."

Sole Pioneer and Only English Manufacturer :

LESLIE GATES

HAILSHAM, SUSSEX.

Another New Speciality.—Try my TRANSPARENT SHEEP BAUDRUCHE CAPPING SKINS.

ALSO GOLDBEATER'S SKIN FOR MEDICAL PURPOSES.

THE CHEAPEST & MOST EFFECTIVE CAPPING EVER PRODUCED.

STIPENDUM CORK STOPPERS

in all sizes suitable for KALIS, CITRATES, DISPENSING, and all FLUIDS.

STIPENDUM COVERED POTS

THE BEST FOR FACE AND TOOTH POWDERS, PASTES AND OINTMENTS.

GREASE-PROOF.

Proprietors : THE WALLPAPER MANUFACTURERS, Ltd.

For Samples and Particulars apply to

THE STIPENDUM STOPPER WORKS, STEPHENDALE ROAD, FULHAM, LONDON, S.W. 6

STOVAINE

THE LEAST TOXIC OF LOCAL ANÆSTHETICS

USED IN THE SAME WAY AND AS EFFICACIOUS AS COCAINE

Does not create a habit and does not give rise to headaches, nausea, vertigo or syncope. :: :: *Literature on demand.*

NO HOME OFFICE LICENSE REQUIRED

Cheaper than Novocain and Benzocain and obtainable promptly in practically unlimited quantities from the manufacturers:

LES ETABLISSEMENTS POULENC FRÈRES

92, RUE VIEILLE DU TEMPLE, PARIS.

CREAM of TARTAR B.P.

SAMPLE AND CERTIFICATE OF ANALYSIS ON APPLICATION. 1 cwt. keg 305/-; 6 cwt. @ 300/- per cwt.

BEACON CARBON'S LTD., WHITLEY STREET, BINGLEY, YORKS. Delivered Free.

Telephone: 138 Pendleton. ESTABLISHED 1855. Telegraphic Add.: "Champagne Manchester."

B. ROBINSON & CO., Ltd.

PENDLETON, MANCHESTER.

CONCENTRATED WATERS

Aqua Amygd. Amar. Conc. (U.S.)
,, Anethi Concent.
,, Anisi ,,
,, Camphoræ ,,
,, Caryophyl ,,
,, Carui ,,
,, Cinnam. Ver. Conc.

Aqua Cassiæ Conc.
,, Flor. Aurant. Conc.
,, ,, Sambuci Conc.
,, Fœniculi Conc.
,, Menth. Pip. Conc.
,, ,, ,, Ang. Conc.
,, ,, Virid. Conc.

Aqua Pimentæ Conc.
,, Pulegii ,,
,, Rosmarini ,,
,, Rosæ ,,
,, ,, Virgin Conc.

WHOLESALE TERMS ON APPLICATION.

Robinson's Concentrated Waters are stocked by all the best known Drug Houses. Chemists are advised to get into direct communication should they experience difficulty in obtaining them. They are unsurpassed by any other make.

STANDARDISED TO B.P. 1914. Customs drawback on Export Orders now allowed. Inquiries solicited, which shall have prompt attention. Samples **Free to the Trade.**

NOTE.—These **original** Concentrated Mineral Waters (1-40) still maintain their foremost position, and are unsurpassed by any other make. **Refuse all substitutions or imitations.**

SELLS QUICKLY AND Brings Custom

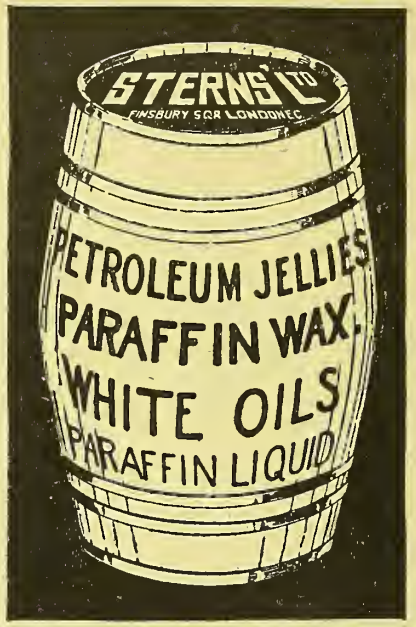
VIOLIV ICE, for Chapped Hands, Frostbite, etc., has secured a ready sale and many repeat orders. Every Chemist should stock it.

Attractively packed in tastefully coloured cartons, suitable for counter and window displays. Showcard and window-bills free with each order. The Showcard sells the goods.

A profitable line, retailing at 4½d. per packet, and costs 36/- per gross, with a Free Bonus of 3 dozen with each gross for cash with order. Half-gross lots with 1 dozen bonus 18/- carriage free. Prompt and quick dispatch.

VIOLIV ICE is so good that it makes a customer, and is noted for its repetitionary powers.

THE VIOLIV MANUFACTURING CO.
26 Haymarket Terrace, EDINBURGH.



STERNS LIMITED

A.D.5., Royal London House, Finsbury Sq., E.C. 2.

Telephone: 3797 London Wall. (Four Lines.)

Telegrams: "Centumvir, Phone, London." (Two Words only.)

Just Arrived.

A Limited Consignment of

THE

"PORTIA"

(*Regd.*)

NET WEIGHT

Baby Balance

Weighs up to 15 lb.

Price	Retail
30/- dozen.	3/6 each.

Owing to restricted imports this line has been off the market for some time, and we think that many friends will be glad of the opportunity of renewing their stock.

SOLPORT BROS., Ltd.

184 to 190 Goswell Rd., London, E.C.1.

Obtainable through all Wholesale Houses.

Manicure your Finger Nails with

"Redio"

Trade Mark

Finger Nail Cloths.

They give a brilliant, lasting polish without pumice, dust, or grease. Beautiful finger nails give the finishing touch to a cultured hand.

Of all Chemists, Hairdressers, etc.

Prices: **6d. and 1/-**

The REDIO CO. specialises in impregnated cloths.

Try the celebrated Redio *Metal* Polishing Cloths.

REDIO CO., Ltd., 66 Fore St., London. E.C. 2.

HUGE ADVERTISING

FOR

VEN-YUSA SHAMPOO POWDERS

PRICES:

1/6 size:

Containing seven 3d. packets,

13/6 dozen

Carton containing 6 doz. 3d. packets,

11/- each.

5% Window-show allowance on a 50/- parcel (cash with order), or £5 parcel (credit terms). Orders can be assorted with other lines.

ORDER A SUPPLY NOW

FROM

C. E. FULFORD, LTD.

CARLTON HILL, LEEDS.

ROD-STOPPERED
1-DRAM
Concentrated
ESSENCE
BOTTLES

FROM STOCK.

Samples and Prices upon application.

FARROW & CO.
87 Borough High Street, S.E. 1
Telephone: HOP 3222.

JAMES B. BERRY'S SONS CO. INC.

Head Office: Oil City, Pa., U.S.A.

ALL
Petroleum Products.

Specialities for Wholesale Druggists:

MEDICINAL WHITE OILS
(Paraffinum Liquidum, B.P.)
BRILLIANTINE OILS.
PETROLATUMS, White, Yellow.
PARAFFIN WAX, all grades.

SAMPLES AND QUOTATIONS FROM
W. J. SMITH (SOLE EUROPEAN REPRESENTATIVE)
110 Cannon St., London, E.C. 4.

WM. MACLEAN, SONS & CO., CHEMICAL MANUFACTURERS, | Our motto is QUALITY FIRST and ALWAYS.
Get Prices and Samples of our CREAM OF TARTAR SUBSTITUTES.
TARTARINE | Nos. 1 and 2 CREAM POWDER
Under 2 per cent. Guaranteed. | AND OTHER SPECIALITIES.
BROAD STREET HOUSE, LONDON, E.C. 2. Glasgow, Manchester, New York. Works: Ruthergien, N.B.
Telephone: 3888 LONDON WALL. Telegrams: "WILMACLEAN, AVE, LONDON."

PERFUMERS! SHORTAGE OF LABOUR
Advertisers are prepared to undertake the blending of Shampoo, Tooth, and other Toilet Powders, in large or small quantities at lowest possible rates. Good workmanship and prompt delivery. Ingredients supplied if desired at lowest market prices. Write, stating requirements.
MARTIN & CO., 71 City Road, Finsbury, London, E.C.1.

ALL CHEMISTS SHOULD STOCK ABDINE
THE GOLD MEDAL FRUIT DRINK.
Quick Seller. Big Profits. Over 40 Years' Reputation.
"ABDINE" is the most popular Health Drink. Superior to all Mineral Waters. Sold in Packets, 1½d. each; Boxes of 13 packets, 1/6.
Wholesale Prices on application. Sample Box 1/6.
D. M'GLASHAN, M.P.S., Abdine Works, Westfield Road, EDINBURGH.

TO THE PROFESSION
High-Class Mechanical Dentistry
GOLD BRIDGE WORK
GOLD BAR WORK
VULCANITE WORK
— of —
every description.
++++
Prompt attention to Postal Work
Malvern Mechanical Laboratories
(*Mr. F. PYNE*),
132 SHIRLAND ROAD, PADDINGTON, LONDON, W. 9.

SOTOL ANTISEPTIC
Mouth & Throat Wash
(and Nasal Douche) in Tablet Form.
1/6 SIZE less than 1 gross, 14/- dozen, 1 gross, 160/-
2/9 SIZE less than 1 doz. bottles, 2/2 ea. 1 dozen bottles, 25/-
WESTERN DENTAL MFG. CO. LTD.
74 Wigmore Street - LONDON, W. 1.

ZENOBIA Eau de Cologne and Zenobia Lavender Water are most useful as preventives of Influenza, and as purifiers and restoratives in the sick room, because of the essential oils used in their manufacture. These have most valuable antiseptic qualities.

ZENOBIA Eau de Cologne and Zenobia Lavender Water are the ideal perfumes—fragrant, lasting and refreshing.

ZENOBIA

EAU DE COLOGNE	Per Doz.	Min. Retail
2 oz.	22/6	2/6
4 oz.	40/6	4/6
8 oz.	76/6	8/6
Watch shape	11/3	1/3

LAVENDER WATER	Per Doz.	Min. Retail
2 oz.	24/9	2/9
4 oz.	42/9	4/9
8 oz.	85/6	9/6
Watch'shape	11/3	1/3

Less usual discount.

Also all the usual sizes in wickered bottles.

Suggest to your customers that a small bottle of Zenobia Eau de Cologne or Zenobia Lavender Water should always be carried in the hand bag—the watch-shaped bottle is specially designed for this purpose.

ZENOBIA LTD.
Loughborough, LEICESTERSHIRE

BIDWELLS' LTD.

RELIABLE TOOTH BRUSHES.

Gloria Silverdrawn,	18/-
Mitre - - -	14/-
Elephant - -	12/-
Anchor - - -	9/-

GROSS LOTS NAMED FREE. CARRIAGE PAID.

We invite you to try them.
We guarantee satisfaction.

A selected £10 parcel of Hair Brushes from 30/- to 100/- per doz., carr. paid.

Made at our Factories, AXMINSTER, DEVON.

WE ADVISE YOU
TO STOCK OUR
"MOOVIT"
CORN PENCILS

which are being extensively advertised. This continual advertising, proven merit, and satisfied customers, have created a steady demand. We furnish attractive showcard and window bills. Why not keep a supply and profit by the easy sales created?

Try a sample dozen 10/-; sells at 15/-
which gives you a very handsome profit, and is on the P.A.T.A.

Cash with Order. All goods are carriage paid. The time to order is now, while you have the matter before you.

TALBOT WILSON,
20 HIGHGATE ROAD, LONDON, N.W. 5

D.D.D.
Prescription

NOTICE TO THE TRADE.

At the request of a large number of our customers throughout the country, we have, from Jan. 1, 1919, fixed the retail price of D.D.D. Prescription at Face Value,

viz : 2/9 5/- 12/-

We doubled our advertising appropriation in 1918 with more than double turnover. In 1919 we will double our 1918 advertising.

There is no risk in stocking D.D.D. Prescription. We will take back *all* our goods, at *any* time, at *full* invoice price, and will pay carriage back.

In every way, ours is a clean profit-making proposition to the Retail Chemist.

D.D.D. Co., Ltd.
3, 5, 7 Fleet Lane, London, E.C. 4.

SAM^L. LAMBERT & CO.,

14 MINCING LANE, LONDON, E.C.

Importers and Exporters.

First hands for all

Estd. 1870.

CRUDE DRUGS & ESSENTIAL OILS.

A few Specialities :—

ARABIC GUMS, CASCARA SAGRADA, ERGOT, CITRIC ACID, COD LIVER OIL, CREAM OF TARTAR, GLYCERIN, HONEYS, MESSINA ESSENCES, OLIVE OIL, PEPPERMINT OIL, QUININE, QUICK-SILVER, RHUBARB, SARSAPARILLA, SHELLAC, TURPENTINE.

Sole Agents for :

Oils : Lemon, Bergamot, Orange ; Terpeneless Oils: Lemon, Bergamot, Orange.—*Fratelli de Pasquale & Co., Messina.*
Bay Rum and Bay Oil.—*Bornn, St. Thomas.*
Essential Oils, Drugs, Chemicals, &c.—*National Aniline & Chemical Co., New York.*

LOFTHOUSE & SALTMER, Ltd.

Wholesale and Export Drug Merchants, Manufacturing Chemists

HULL.

INVITE the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a very large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

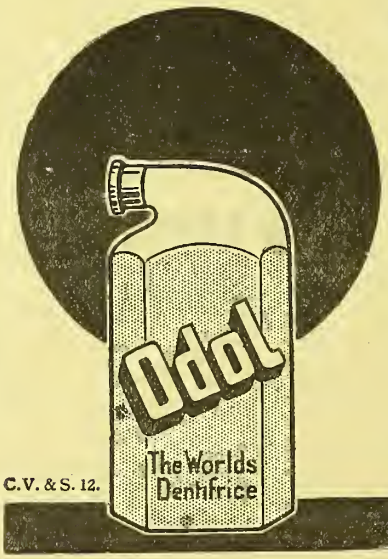
P.A.T.A.	Protected Retail Price.	Dozen Net
*LOSALL'S SALT (well advertised), tins	9d.	6/6
* " " " " bottles in cartons	2/-	16/-

**Losall's Salt sells so well, surely it must pay Pharmacists to stock such a big profit-bearing protected line.*

LOSALL'S COMPOUND SULPHUR SOAP.

	Box.	Doz.
A valuable emollient medicated skin soap, especially suitable for use in Eczema. 3 Tablets in a box for 8d.	2/-	18/-

BRITISH ODOL



Send for Price List and Trading Terms.

Revised Retail Prices.
Grand Double Flask 5/3
Full-size Bottle 3/-
Half-size Bottle 1/9

ODOL Chemical Works, BERKHAMSTED.

C.V. & S. 12.

TERPENELESS OILS

BRITISH MADE.

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the World.

WE SPECIALISE IN TERPENELESS:

Anise (Anethol)
Bay
Bergamot
Caraway
Cassia
Cinnamon
Clove
Dill
Geranium
Ginger
Juniper Berry
Lavender
Lemon
Limes
Mandarin
Nutmeg
Orange
Peppermint
Petitgrain
Rosemary

CITRAL

EUCALYPTOL

CINNAMIC ALDEHYDE

GERANIOL

HOLLANDS DISTILLERY, Ltd.

Lavington Street, Southwark, London, S.E. 1.

A B C Code (5th Edition), Western Union.

Telegrams: "LANDSLOH LONDON."
Telephone: HOP 898.

***AMERICAN AGENTS*—O. A. BROWN CO. INC., 99-101 Beekman St., New York.**
***CANADIAN AGENTS*—F. S. JARVIS & CO., 18 Toronto Street, Toronto.**

The women who know buy, use, and insist upon it.

This container and advertising material ought to be shown by all discerning chemists.

PRICE PER PACKET,
6d.
P. A. T. A.
TO YOU.
4/-
PER DOZ.

Persistently advertised in every paper.

NOTE.—It nets with bonus the P.A.T.A. profit of

43%

Quin Quenna

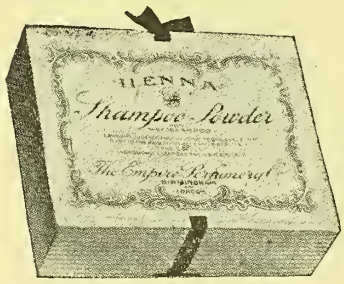
BETTER THAN A SHAMPOO

Boxed in half-gross containers (as illustrated) with one dozen bonus, and sent Carriage Paid to any Chemist's address in the Kingdom. A post-card fetches it.

CHRISTY, OLD SWAN LANE, LONDON, E.C.

THE "EMPIRE"

HENNA SHAMPOOS



The box of 7.

are made with a Potash Soap base, therefore the hair is left very soft and wavy. The perfume is so delightful that repeat business is assured.

Prices : Loose, 15/- per gross packets.
Box of 6, 10/6 per doz.

Special Quotation to the Wholesale and Export trade.

THE EMPIRE PERFUMERY CO.,
CUXSON, GERRARD & CO., Ltd., Proprietors,
Oldbury, England.

The Sales-Compelling Showcard.

LABORATORY OF GENERAL PHARMACOLOGY,
8, Rue Vivienne, Paris.

LONDON AGENTS:
WILCOX, JOZEAU & Co., 49, Haymarket, S. W.

CHAPOTEAUT'S CAPSULES of
PHOSPHOGLYCERATE of LIME.
THE BEST TONIC FOR FORTIFYING AND BUILDING UP THE NERVOUS SYSTEM.
Sold by all Chemists.
Wholesale: 8, Rue Vivienne, PARIS.

MORRHUOL CHAPOTEAUT

CAPSULES
MORRHUOL DE CHAPOTEAUT is extracted from cod-liver oil, and contains all its efficacious properties without the disagreeable taste.
It cures Coughs, Bronchitis and Catarrh, restores the appetite, and gives force to feeble persons.
SOLD BY ALL DRUGGISTS.

CHANDRON'S DROPS
(Gouttes des Colonies)
A harmless antiseptic preventative against CHOLERA-FERMENTATION - INDIGESTION & other intestinal disturbances.
SOLD BY ALL CHEMISTS

LONDON AGENTS
HEPPELL & CO., 164, Piccadilly, W.

TOOGOOD'S TOILET CREAMS

Creme Altesia

A non-greasy Face Cream. Packed in 1-oz. Screw-capped Jars, each in Carton. 7/- per doz.

Altesia Skin Food

A greasy Skin Cream. Packed in 1½-oz. Flat Screw-capped Jars. 7/- per doz.

Manufactured only by

William Toogood, Ltd., 77 Southwark Street, London, S.E.1.

Lescol Perfumery

NOTICE.

New and attractive lines will be brought out shortly, and an illustrated catalogue sent out. In the meantime we will send on application a supplementary list of lines in stock, popular in price and advantageous in sale.

We can also offer to advantage Perfumery in Bulk in two qualities — Essential Oils of guaranteed purity; Floral Ottos for Cachous, &c.; Fruit and Soluble Essences, Chemicals, &c.

THE LONDON ESSENCE CO., Ltd.

(Proprietors of THE LESCOL PERFUMERY CO.)

Lomond Grove, Camberwell, LONDON, S.E.5.

Telephone: 810 HOP. Telegrams: "VANILLIN, CAMBER, LONDON."

TRUE BRITISH.

VINOLIA ALL ALIKE PERFECT

SUPPORT HOME INDUSTRIES

by displaying prominently in your Pharmacy the following two well-known British productions:

ROYAL VINOLIA SHAVING STICK

Retailing at 1/- each.

In Special Metal Cases, 1/3.

ROYAL VINOLIA TOOTH PASTE

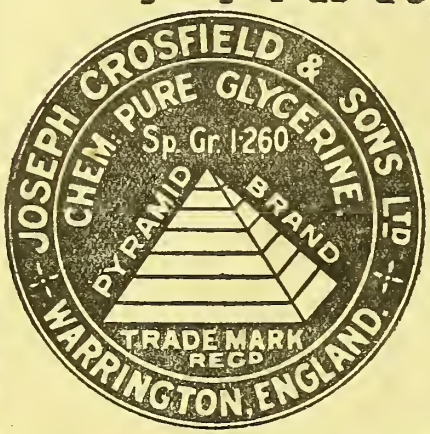
In 7½d. and 1/3 tubes.

These lines are largely advertised, ready sellers and yield a handsome profit to the Pharmacist.

R V 189—29e

VINOLIA Co. LTD.
LONDON — PARIS.

CROSFIELDS'
CHEMICALLY PURE GLYCERINE.
PYRAMID BRAND.



The finest Glycerine obtainable for medicinal purposes. Absolutely pure. Guaranteed to stand all the tests of the British Pharmacopœia.

IN 14 lb. 28 lb. & 56 lb. TINS. (WOODEN CASES)
1, 2½, 5 & 10 CWT. DRUMS. (RETURNABLE)

JOSEPH CROSFIELD & SONS LTD Chemical Manufrs. WARRINGTON.

STRAW HAT TIME

will soon be here. Book your order for

"MILNER CLEANER"

early, so that you will be able to supply your customers as soon as they ask for it. "Milner Cleaner" is known to be the best thing used for making soiled white straw hats look just like new, at the popular price of **3d.** per packet.

Sold all over for the last 10 years.

Prices to the Trade: 6 dozen **12/-** net: 12 dozen **19/-** net. Carriage paid.

Discount: On orders of 20/- ½ %; £5 5 %; £10 7½ %.

Special Offer: 13 dozen to the gross for cash with order.

Send your order in now to

MILNER'S CHEMICAL CO.
LIVERPOOL.

OVER 100 % PROFIT
ENSURED & PROTECTED (P.A.T.A.)
for sellers of

Laurence's Hair Dyes

One solution, nine shades.

A first-class article with an excellent demand, created entirely on its own merits, and carrying a first-class profit.

Size.	Minimum retail.	Minimum wholesale.	
1/-	1/-	7/6	per doz. less 5% discount.
1/6	1/6	9/-	
2/6	2/6	15/-	
3/6	3/6	21/-	

SPECIAL BONUS

Buyers of 3 doz. bottles receive 3 bottles gratis (may be assorted and any size).
Do. 6 doz. do. 8 bottles gratis.
Do. 12 doz. do 18 bottles gratis.
Equivalent in the case of the size in most general demand, viz. 1/6 size, to 4/6, 12/- and 27/- respectively.

Sole Proprietors—
C. R. HARKER, STAGG & MORGAN, LTD.
DEVON WHARF,
Emmott Street, Mile End, London, E.1.

Help to reap this Harvest!

EUCRYL
TOOTH POWDER
BRITISH MADE.

The talk of intensive culture—allotments—crops—is constantly in the air. Bring this **intensive process** into your business by selling only goods which bring quick sales and large profits, such as EUCRYL TOOTH POWDER. You sow the seed by putting in a stock of Eucryl Tooth Powder—your shop is the soil—you watch the sales grow—large and rapid sales, bringing in a harvest of 100% profit. Surely you would be glad to encourage this kind of intensive culture? Do so at once by filling in the enclosed Coupon.

EUCRYL LTD.
61-63 LANT STREET,
SOUTHWARK, S.E.1

COUPON

Please send me 12 dozen 7½d. Tins Eucryl Tooth Powder at 5/- dozen with a bonus of 5 dozen extra and free of charge provided I enclose remittance value £3.

Eucryl Ltd. 61/63 Lant St., Southwark, S.E.1

THE REASON WHY

Essential Oils
Aromatic Chemicals
Flower Oils

YOU ARE SEARCHING IS THAT
YOU ARE NOT SATISFIED

YOU ARE NOT SATISFIED BECAUSE
OTHERS ARE GETTING BETTER RESULTS

OTHERS ARE GETTING BETTER RESULTS
BECAUSE THEY USE P. & S. PRODUCTS

P. & S. PRODUCTS ARE USED BECAUSE
BUYERS ARE BENEFITING BY THEM

THEY ARE BENEFITING BY THEM
BECAUSE THEY EARN MONEY

THEY EARN MONEY BECAUSE
THEY ARE USING THE PRODUCTS OF

POLAK & SCHWARZ, LTD.

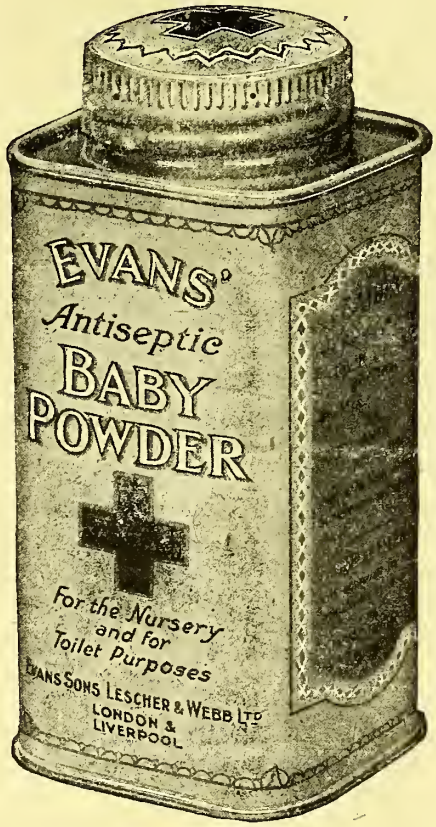
ZAANDAM
HOLLAND

BOIS-COLOMBES
FRANCE

EST. 1889.

EVANS' BLUE ✚ CROSS BABY POWDER

The Great SUCCESS



SELLS at SIGHT

Illustration is Exact Size.

This popular Baby Powder is put up in elegant decorated packages, and commands a ready sale. The powder is delicately perfumed, and is the finest on the market.

P.A.T.A. PRICE: Retail 10½d.; 7/- doz. net.

EVANS SONS LESCHER & WEBB LTD.

LIVERPOOL. NEW YORK. LONDON.

MAINTAIN a full range of PROPRIETARIES

Blood Purifier
Digestive and Liver
Cold and Influenza
Eye Lotion
Children's Cough Balsam
Whooping Cough Mixture
Gout and Rheumatic
Pectoral Balsam

8-oz. MIXTURES
(Cartoned)
Name and address printed upon Label and Carton
8/- dozen
95/- gross
Assorted, Carr. Paid.
SELL AT
1/3

Neuralgia Mixture
Quinine and Iron Tonic (Phosph.)
Fever Cure
Liver Mixture
Arom. Astringent Mixture
Back and Kidney
Indigestion (Bismuth and Pepsin)
Asthma & Bronchitis

BE SURE THAT (1) *YOURS* are RELIABLE REMEDIES.
(2) They bear your name and address BOLDLY PRINTED.

CARMOL LTD., Washington St., BIRMINGHAM.
Telephone: Midland 1852.

More business-larger profits.

THE extensive advertising of MOVOL is creating a demand which grows bigger every day.

Advertisements are appearing in leading National publications and Fashion periodicals, telling housewives that Iron-mould, Ink-stains and Fruit-stains are no longer immovable, and that

TRADE MARK
MOVOL
Regd

is sold by Chemists everywhere. Are you participating in the profits?

Mail a P.C. now for trial stock and display material to

W. EDGE & SONS, Ltd.
BOLTON, LANCS.
(The Drummer Dye People.)

'KO-TAL-KO'

CERTAIN IN RESULTS and CERTAIN IN SALES

THE PUBLIC WANT IT

For strong advertising has taught them its merits, and practical experience has proven its claims. "KO-TAL-KO" is the strongest recommended hair preparation on the market, and this, in conjunction with my widespread publicity, is the best of all reasons why

YOU SHOULD STOCK IT.

Apart from quick and ready sales my trade prices allow of a fair profit to you. "KO-TAL-KO" is always on the move, never cumbers the shelves long, and is a business asset of the highest value for your repeat orders are always warranted.

IT PROFITS EVERYONE.

"KO-TAL-KO" does justice to me, to you and to the public, and every Chemist and Druggist should order a supply.

ORDERS AND DETAILS FROM
J. Hart Brittain Ltd
(Dept. C.D. 2),
2 PERCY ST., LONDON, W.1.

RETAIL PRICE P.A.T.A.
5/- Size
12/6 ..

TRADE PRICE
48/- per doz.
112/6 ..

It Cleans when others Fail.

"CASSO"

CLEANS IMMEDIATELY with NO exertion, Baths, Marble, Paintwork of all descriptions, Brass, Silver Tiles, Toiletware, Linoleums, Floors, Sinks, Mortars and Pestles, &c. &c.

REMOVES GREASE or Dirt from the Hands. Does not hurt or injure the hands or clothes.

MOTORISTS should carry a tin in their car for cleaning the car and hands.

"CASSO" has no faults, it does not deteriorate through keeping in stock, does not injure or scratch the finest enamel work.

"CASSO" is packed in 1-lb. tins retailing at **1/-**, and 2-lb. tins retailing at **1/10**. Money returned to any customer who is not satisfied.

"CASSO" shows a Good Profit to the Retailer.

"CASSO" WAS PREVIOUSLY KNOWN AS "CITO," but owing to confliction of the name with other firms' products we decided to change the same.

SOLE MANUFACTURERS—

THE CASSON CHEMICAL CO. Ltd.,
11 CRAVEN HILL, LONDON, W.2.

Phones: PADD. 321, 322 & 3518.

NEW FORMULA
"DAISY"

More Profitable than ever!

WHOLESALE PRICES:

1/- Packets, each containing 8 Powders.

MINIMUM RETAIL, 1/-. SAMPLE POWDER, 2d.

1 dozen boxes - - -	9/9	per dozen.
3 " " - - -	9/2	" "

2/3 Packets, each containing 20 Powders.

MINIMUM RETAIL, 2/3.

1 dozen boxes - - -	21/6	per dozen.
3 " " - - -	20/6	" "

Daisy Tablets.

MINIMUM RETAIL, 1/3.

1 dozen Tins - - - - -	13/-	per dozen.
3 " - - - - - -	12/6	" "

Mixed orders, 1/- and 2/3 Powders and Tablets on best terms.

DISCOUNT, 7½ PER CENT. FOR CASH. CARRIAGE PAID TO DESTINATION.

HUGE ADVERTISING CAMPAIGN NOW IN FULL SWING!

The New Formula prices allow the same generous proportion of profit as hitherto, except in the case of Tablets, which are now more profitable than before, and of the 2/3 size (late 1/7 size), which now sells at full face value, the chemists getting the advantage of the extra 3d. over and above the old profit.

ADVERTISING MATTER ON APPLICATION.

FROM ALL WHOLESALERS OR DIRECT

DAISY, LTD., Manufacturing Chemists, LEEDS.

Telegrams: "DAISY LEEDS." *Telephone: 22042.*

ALTERATION IN PRICE OF

GESTIVO FOOD

Yielding More PROFIT to YOU.

This smart new Cut-out in colours sent with each order, together with our other advertising matter.

P.A.T.A. - - Tins **1/-** and **1/9**
TRADE PRICE - - **8/6** - **12/-** per doz.

Advertising Scheme in Preparation. *Send for Particulars.*

MAURICE SMITH & CO., LTD. *MANUFACTURING CHEMISTS and FOOD SPECIALISTS,*
KIDDERMINSTER.

SAVE 3/- PER GALLON

BY BUYING

GUARANTEED GENUINE

NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

OF NEW SEASON'S MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

JOB BROS., Manufacturers, Tower Building, LIVERPOOL.

Telegraphic Address: "JOB LIVERPOOL." Tel. 1039 CENTRAL.

And of ST. JOHN'S, N.F. Established 1780.

ICY-HOT
VACUUM FLASKS

Pint 11/6 each

Imitation Leather, Enamel on Metal.

Pint Refills, 9/- each.

WE are pleased to inform our Customers we have just received a consignment of the above well-known Flasks and in the two most popular kinds.

Delivery Immediate.

Pint 14/9 each

Nickel Plated Corrugated.

HENRY C. QUELCH & Co.

4 & 5 Ludgate Square, London, E.C.4.

Telegrams: "Refreshing, Cent, London."

ENTIRELY BRITISH

Telephone: Central 4461, 4462.

ALL-GLASS SPRAYS, MEDICAL & SURGICAL GLASSWARE

Manufactured by **R. J. REUTER** *Established 1892.*

MANUFACTURER OF AND DEALER IN CHEMISTS' SUNDRIES,

69 CARTER LANE, E.C. 4.

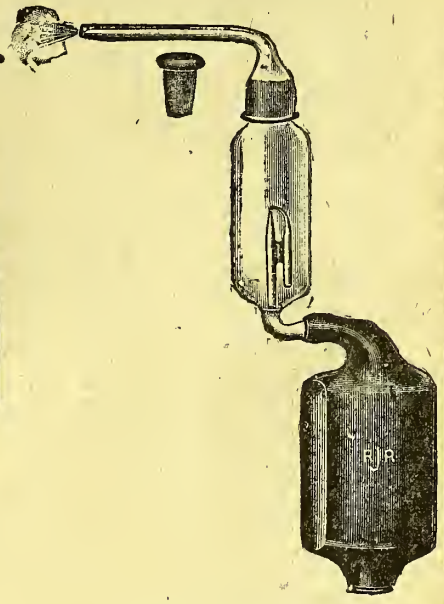
We invite inquiries for all types of lamp-blown glassware. As we have our own Glass-Blowing Establishment in London, we are in a particularly advantageous position to quote for and submit samples of All-Glass Throat Sprays, Atomisers and other high-class surgical requisites. Price Lists on request.

Trade 'Vēvax' Mark Pocket Cloudiser

(ALL-GLASS)

Extremely compact. Highly efficient. Thoroughly aseptic. Suitable for either oily or heavy aqueous solutions. Will pulverise and sub-divide the heaviest oils into a perfectly nebulous cloud. Price 45/- per dozen, subject.

CLOSED FOR POCKET.



READY FOR USE.

Trade 'Vēvax' Mark Oro-Nasal Inhaler

(ALL-GLASS)

Can easily be sterilised, and is therefore pre-eminent for the application of medicated vapours to the respiratory tracts. Enables the vapour to be inhaled by the nose and mouth at the same time. Issued in neat slide boxes suitable for pocket, with small bottle for medicament. Price 14/6 per dozen, subject.

Roboleine

Constituents

65 per cent. Profit to you. Window Display terms.

A scientific reconstructive tonic food, pleasant to take, easy of digestion, and readily absorbed.

Maltose, Diastase, Lecithin, Cholesterin, Phosphorus, Calcium, Sodium & Potassium.

P.A.T.A. Prices.	Min. Ret. each.	Wholesale per doz.
Small size . .	1/1½	11/-
Medium size .	3/-	28/5
Large size . .	5/4	51/-

Maglactis

Yields 40 per cent. Profit if sold at face value. Window Display Terms.

A palatable, neutral, hydrated, milk of magnesia in perfect suspension, especially suitable for children and invalids as an antacid and mild aperient.

P.A.T.A. Prices.	Min. Ret. each.	Wholesale per doz.
	1/2	10/5

Pulticine

"The all-British Poultice," yields 40 per cent. Profit if sold at face value.

Inflammation and Pulticine cannot exist together. All inflammatory conditions, whether deep-seated or superficial, quickly yield to Pulticine treatment.

P.A.T.A. Prices.	Min. Ret. each.	Wholesale per doz.
Small size . .	2/6	23/-
Medium size .	4/3	37/-
Large size . .	6/-	51/-

Chemists should order at once to meet the demand. Write for window show and bonus terms.

OPPENHEIMER, SON & CO., Ltd.

179 Queen Victoria St., London, E.C. 4.

Entirely British House since foundation.

Apology

614, Portage Avenue
Winnipeg, Manitoba
Canada

WE, THE SANOL MANUFACTURING CO., TENDER our humble apology to Messrs. Burroughs Wellcome & Co. for trespass upon their Trade Mark rights by the employment of the words 'Tabloid' and 'Tabloids' in respect of goods not of their manufacture.

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Dated this 1st day of March, 1919 *(Signed)* J. C. DEAN
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Coming Events.

Monday, March 31.

National Association of Industrial Chemists (London Section), Burlington House, W., at 8 P.M. Address by Mr. S. R. Todd (Ministry of Labour).

Tuesday, April 1.

Ealing Pharmacists' Association, Buol's Restaurant, at 8.30 P.M. Mr. F. C. Goodall, Editor of "The British Trade Review," on "The Drug Market."

North London Pharmacists' Association, Progressive Pharmacy Club, Arundel Hotel, Victoria Embankment, W.C., at 8.30 P.M. Address by Councillor J. W. Deakin.

Pharmaceutical Society of Great Britain, 16 Bloomsbury Square, London, W.C., at 3. Council-meeting.

Wednesday, April 2.

Federation of Lancashire Pharmaceutical Associations, Blackpool, at 3 P.M. General meeting.

Sheffield Pharmaceutical and Chemical Society, Literary and Philosophical Society's Rooms, Church Street, at 8.30 P.M. Address by Councillor J. W. Deakin.

Manchester and Salford Chemists' Assistants' Association, Chess Club Rooms, 65 Market Street, Manchester, at 8 P.M. Meeting "To urge the formation of a National Whitley Council."

Thursday, April 3.

London County Pharmaceutical Association, Connaught Rooms, Freemasons' Hall, Great Queen Street, W.C. Dinner, Mr. John Keall in the chair. Tickets (10*s.* 6*d.* each) from Mr. G. A. Tocher, 233-6 Bank Chambers, 329 High Holborn, W.C.

London Chemists' Golfing Society.—A dinner will be held at Pagani's Restaurant, Great Portland Street, W., on April 10, at 7 P.M. Tickets (8*s.* 6*d.* each) from Mr. G. F. Deeth, 40 Cleveland Park Avenue, Walthamstow, London, E. 17.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

War Regulations Altered.

P. 71. *Fertilisers.*—The Minister of Munitions announces that control of acids and fertilisers by his Department will be suspended on and after June 1. This will apply to sulphuric acid, sulphate of ammonia, superphosphate, basic slag, and compound fertilisers. All questions relating to the distribution of fertiliser materials will, on the release of formal control, be dealt with by the Department of Agriculture. The continuance on a voluntary basis of the distribution of fertilisers at fixed delivered prices is now under discussion, and communications should be addressed to the Commercial Secretary, Board of Agriculture and Fisheries, 72 Victoria Street, London, S.W. 1.

Maize.—The Food Controller has suspended the Maize Products (Retail Prices) Order, 1918, which fixed at 4*d.* per lb. the maximum retail price of maize flour, maize flakes, maize semolina, hominy, coraline, or maize meal. These can now be sold at uncontrolled prices.

Soap.—The Ministry of Food has issued an announcement that the price of the best household soaps has been reduced by 1*d.* per lb. The new retail price is 8*d.* per lb.

Distributive Trades Board.

A conference of delegates of forty-six associations and organisations connected with the distributive trades was held at Westminster on March 20 to consider the application to these industries of the Trade Boards Act. Seventeen different trades were represented, comprising drapery, grocery, meat, fish, greengrocers, fruiterers, milk-dealers, ice-cream caterers, boot-makers, newsagents, hairdressers, tobacconists, bakers and confectioners, ironmongers, chemists, jewellers, furniture-dealers, clothiers, and leather goods. Mr. W. S. Glyn-Jones represented the Pharmaceutical Society and the Drug and Fine Chemical Makers' Association, Mr. C. A. Mallinson the Pharmaceutical Society, and Mr. H. Skinner, Ph.C., represented the Amalgamated Society of Pharmacists, Drug and Chemical Workers. There were also present representatives of the Shop Assistants' Union, of the One-Man Business Association, London and Suburban Traders, Parliamentary Committee of the Co-operative Congress, and other co-operative bodies. The discussion indicated a general opinion that the trades concerned were so intermingled that it would be preferable to have one Trade Board, with different sections or committees. Eventually a committee, consisting of twenty representatives of the employers and twenty of the employés, was formed to consider the matter further in conjunction with the Ministry of Labour, and report to a conference to be held on or before April 24.

Imperial College of Science.

The report for 1918 of the Governing Body of the Imperial College of Science and Technology refers to the establishment of the Department of Technical Optics. The scheme is not complete, but is to be developed as early as possible after the war. In the Department of Chemical Technology schemes have been arranged for dealing with (1) fuel and refractory materials; (2) chemical engineering; (3) electrochemistry, with the technology of carbohydrates, tars, oils, and rubber as subsections. Many researches have been carried out for Government Departments during the war, including work on the cold storage of fruits and vegetables, adhesives, the degumming of silk, eye magnets, fuel conservation, the utilisation of peat, the filming of glass surfaces, copper and its alloys, and oil filtration. The number of students is approximately a third of what it was before the war. There were 142 students in the new technical optics department.

Hospital Dispensers Organising.

A meeting is to be held at 28 Bedford Square, London, W.C. 1, on April 9, at 6.45 P.M., for the purpose of promoting a Pharmacy Section of the Incorporated Association of Hospital Officers. The Section will consist of all present and future members of the Association who hold appointments as dispensers in voluntary hospitals. The object of the unit will be to watch over and promote the interests of its members in every possible way. The unit will elect a Committee, composed of pharmacists, which will meet regularly to discuss all matters affecting the interests of hospital dispensers, and report to and advise the Council thereon. For the purpose of making the necessary preliminary arrangements a provisional Committee has been appointed, composed of the chief pharmacists of the following hospitals: St. Bartholomew's, St. Mary's, St. Thomas's, the Hospital for Sick Children, and the London.

Contracts.

The following War Office contracts have been notified:

Calcium Carbide.—Lockerbie & Wilkinson; Phôs Co. *Medicines.*—Lister Institute of Preventive Medicines. *Methylated Spirit.*—S. Bowley & Son; British Distillery Co., Ltd.; J. Burrough, Ltd.; Jones & Co.; J. & D. McNair & Co.; Sutton, Carden & Co., Ltd. *Soap.*—W. Gossage & Sons, Ltd.; J. Kay & Sons; J. Knight, Ltd.; Lever Bros., Ltd.; J. L. Thomas & Co., Ltd.; J. Watson & Sons, Ltd.; R. Wheen & Sons, Ltd.

The Northampton Guardians have accepted the tenders of Mr. J. S. Gallimore, chemist and druggist, and Mr. J. F. Strickland for drugs, etc.

Birmingham.

The preference shares of Southall Bros. & Barclay, Ltd., are quoted currently at 17*s.* 9*d.*

Mr. Wilfrid Hill has left England to carry out a lecturing tour to the Armies of Occupation, under the auspices of the War Office.

Out of 20,000 casualties treated at the Birmingham and Midland Eye Hospital during the past year 18,690 were for the removal of foreign bodies from the eye.

Counterfeit 1*l.* Treasury notes are in circulation here—a feature of some (if not all) being the mis-spelling of the word "kingdom." Spurious half-crowns and florins have also been met with in the past few days.

At Birmingham Assizes, on March 25, John Handley was awarded 750*l.* damages for personal injuries caused by the negligent starting of a steam-lorry owned by R. White & Sons, Ltd., mineral-water manufacturers.

It is proposed to form a collection of trade catalogues in connection with the City of Birmingham Library. The catalogues, properly classified, would form a compendium of reference to the sources of supply of any particular class of goods. The City Librarian asks manufacturers to send copies of their catalogues to him.

Southall Bros. & Barclay, Ltd., were sued recently in the Birmingham County Court for alleged damages to a horse, which was said to have been run down and injured by one of the company's vans on a foggy night. His Honour found there had been no negligence on the part of the driver, and gave judgment for the defendants. A counter-claim for damages to the motor-van was also dismissed.

In the course of a letter to the "Birmingham Post," a correspondent, signing himself "Chemist," writes: "I myself have a new method for the production of indigo dye, which will revolutionise the trade, and which may later apply to all colours. But I certainly shall not put it on the market for a profit of 14 per cent., and then pay 80 per cent. out of the excess. Also if the excess profits tax is not removed entirely at an early date I shall either sell the process to another country or go there and work it myself, as I for one (and there are thousands of the same opinion) decline to be told by Labour or anyone else what profit I shall get for my work. The idea is mine, and I either get the profit I wish or the country loses the improvement."

Liverpool.

"Have you forgotten the 'Victory' dinner?" was the form of a post-card reminder sent round to numerous members of the Liverpool C.A. this week.

Mr. H. Humphreys Jones received a call to London this week from the Pharmaceutical Society's Council to confer on reconstruction from the educational point of view.

The first effect on pharmacy of the Aintree Race Week has been a decided increase in the sale of perfumery, which had fallen off. Owing to the bitter east wind, the demand for many articles of winter sale is strong.

The annual conference and dinner of the staff of Evans Sons Lescher & Webb, Ltd., was held on March 22, and proved a greater success because of the return of the demobilised members. Among those who greeted the khaki or ex-khaki heroes was Mr. J. T. Collis, the company's West-of-England representative, a veteran of forty years' service.

Manchester.

Boiled sweets are now prominently displayed in most chemists' shops in Manchester and district.

Mr. J. Cleworth, pharmacist and photographer, is now back again at business, having made a good recovery from the bronchitis and pneumonia with which he was stricken down early in February.

Now that photographic plates have come down in price about 20 per cent., there should be a greater demand for them from amateur photographers. Undoubtedly the high prices prevailing during the past two years have somewhat killed enthusiasm.

Many chemists in Manchester, as elsewhere, are bewailing the fact that saccharin tablets are not now in great demand. Several have large stocks, and are unloading, in some cases, at a loss—from 1*s.* to 1*s.* 6*d.* per 100 for full-strength tablets being the prevailing retail prices.

Business during the past two weeks has been much quieter. Although some seem to think that the last epidemic was of a much milder type than the previous one, most pharmacists have had an exceedingly busy time while it lasted, and are rather glad of a rest.

Owing to a recommendation contained in a local newspaper, there has been quite a run on sal volatile. It appears that the other day a meeting was held in Manchester at which a protest was made against the "holding up" of whisky; and one speaker said that the best thing the public could do, if they could not obtain whisky for sickness, was to go to their chemist and ask for sal volatile. Hence the sudden increase in the sales.

The plans for founding chairs in Russian and Italian at Manchester University are now in an advanced stage. The medical school requires extension, and the provision of new chemical laboratories will entail a considerable capital outlay. There is a growing sense of the need for increasing the professorial staff in certain directions, the great advances in knowledge making a subdivision of labours essential in a university claiming to have the highest type of organisation.

The Automobile Club and the Commercial Motor Users Association have undertaken jointly to finance a programme of research which has been commenced at Manchester University under the direction of Professor Harold B. Dixon. The scheme of investigation includes comparative tests to determine the behaviour of alcohol vapour and the vapours of alcohol-benzol mixtures after firing, and the chief object is to ascertain the conditions of combustion and the factors which conduce to the maximum power and efficiency from existing internal combustion engines when run on alcohol or alcohol mixtures.

Chemists are wondering what is to be done regarding Codex W.E.F. preparations. Many of these have not a very large sale, and the notice given is considered far too short to enable pharmacists to work off their stocks. One chemist told me he had just bought 28 lb. of ung. zinci (W.E.F.) in February, and, as the goods had not been delivered when he read the report on the General Medical Council's decision, he approached the firm who had the order in hand and asked them to send B.P. ointment. The firm replied that they could not make the B.P. ointment, as lard had not yet been liberated, and added, "We are therefore sending you the ointment as now made."

The Municipal College of Technology contemplates an immediate extension of its premises on available land adjoining the College. Plans have been prepared in anticipation of Government aid being forthcoming. At current prices the new building and its equipment will cost 200,000*l.*, and it will increase the accommodation of the College to 600 students. It is believed that in the near future there will be a development of the research work done in the College on behalf of industrial firms. The governing body has decided to admit to the College laboratories "persons selected by individual firms and approved by a special sub-committee to work under the direction of a professor or lecturer who agrees to supervise the work." The College reserves the right to publish the results of the research after the lapse of twelve months.

Sheffield.

Mr. H. Antcliffe has been appointed a member of the Conciliation Council for the Poor-Law Service.

The Sheffield Insurance accounts for the year 1918 amounted to 12,334*l.* 6*s.* 9*d.*—an increase of 25 per cent. on the 1917 accounts.

Mr. J. T. Appleton has been nominated as a candidate for the Sheffield Board of Guardians, and Mrs. Appleton as a candidate for the Ecclesall Board.

Mr. E. A. Craven, chemist and druggist, has sold his Sheffield business to Mr. A. E. Banham, late manager of Mr. Powell's Grimesthorpe business. Mr. Craven is to devote his time to the business he purchased some time ago at Ripley, Derbyshire.

Miscellaneous.

The influenza epidemic at Nottingham has been followed by a number of cases of falling hair, and, as a result, local hairdressers are said to be sadly overworked.

Enemy Patents.—Licences have been granted by the Board of Trade to British Dyes, Ltd., to use fifty patents for dyes belonging to alien enemies or vested in the Custodian of Enemy Property.

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British Optical Association.—The next examinations will be held at the University of London, South Kensington, as follows: Intermediate (Dioptric), May 27 and 28; Fellowship, May 28 and 29. Entries should be made to Mrs. Sutcliffe, Assistant Secretary, Clifford's Inn Hall, Fleet Street, London, E.C. 4.

Fire in an Oxygen-chamber.—At an infirmary at Stoke-on-Trent, recently, a discharged soldier was placed in an oxygen-chamber used for the treatment of gas-poisoning. Shortly afterwards he ran out in flames, the chamber being then full of fire, and he eventually died. Matches and cigarettes were found in his dressing-gown.

Sale of Food and Drugs Acts.—At Havant, recently, Alfred Golightly was summoned for having sold baking powder which, on analysis, was found to contain 5.27 per cent. of salt. It was stated for the prosecution that salt rather injured the gas-producing qualities of "the other ingredients." The defendant had obtained the baking powder without warranty from a firm at Bristol. He was fined 5*s*

Cheaper Photographic Plates.—The prices of photographic dry plates have been reduced by the British manufacturers upon the basis of 3*s*. per dozen quarter-plates. The "British Journal of Photography" gives the following list of the fluctuations in price since 1913: Before June 16, 1913, 1*s*.; June 16, 1913, 1*s*. 3*d*.; March 13, 1915, 1*s*. 6*d*.; February 29, 1916, 1*s*. 10*d*.: March 1, 1917, 2*s*. 3*d*.; February 5, 1918, 2*s*. 9*d*.; August 1, 1918, 3*s*. 8*d*.; March 11, 1919, 3*s*.

The Functions of Pharmacy.—A chatty and entertaining lecture on the work and qualifications of pharmacists was delivered to the Cardiff Rotary Club on March 21 by Mr. Albert Hagon, member of the Council of the Pharmaceutical Society of Great Britain. Mr. Hagon dealt with Insurance dispensing, pharmacy in the Army, and other topics, and outlined the scheme of the new school of pharmacy to be opened in September under the auspices of the Cardiff Technical Education Committee.

Inquest.—At a London inquest held on March 20 on the body of a woman who died in Holloway Gaol, it was stated by a landlady with whom she had previously lodged that when she left the house over 200 empty bottles that had contained chlorodyne were found in her room. Other evidence showed that she was known to be in receipt of an allowance of 1*l*. a week. Death was certified as due to bronchial pneumonia, a medical witness adding that if she had not been a drug-taker she might have had a better chance.

Poisonings.—At Westminster, on March 21, an inquest was held on the body of Mr. Sidney Wybert Coleman, a producer of plays, lately residing at Marlow, who was found dead in a London hotel. Dr. Jewesbury, pathologist, giving evidence, stated that the lungs, stomach, and brain smelt strongly of hydrocyanic acid. The Coroner recorded a verdict of "Suicide while in a state of unsound mind."—An open verdict was returned at Kingston, on March 26, in the case of Miss A. McDonnell, whose death was stated by Dr. H. R. Davies to be connected with an overdose of poison, "but he could not say what poison it was."

Brush Trade Board.—The Minister of Labour gives notice of his intention to make a special Order applying the Trade Boards Act. 1918, to the brush and broom trade. The scope of the Board will include (*a*) the drafting, dissing, or mixing of bass, whisk or similar fibre, or animal bristles or hair, and the working of wood, bone, ivory, or celluloid; (*b*) all finishing, warehousing, packing, or other operations incidental to or appertaining to the manufacture of such brushes or brooms, but excluding the sawing and turning of wood as a preliminary operation to the manufacture of such brushes or brooms, the making of metal parts, and the mounting of brushes with metal or tortoise-shell backs.

British Brushes.—At the annual meeting, held recently, of the British Brush Manufacturers' Association, Mr. Ernest N. Kent was re-elected President for 1919. A resolution was carried as follows:

That this meeting of brush manufacturers of the United Kingdom and Ireland, assembled at Manchester, wishes to draw the attention of the Department of the Government concerned to the large increasing quantity of imports of brushes, and notices with regret that brushes are not included in the import list of restricted articles coming into force March 1, 1919, and requests that brushes may be added to the list. Further, this meeting respectfully points out that, owing to the great war demand of the Government for brushes, depletion of stock of all raw materials and the scarcity of labour, the brush trade requires time for reconstruction.

Salter Fellowships.—The Committee of the Salters' Institute of Industrial Chemistry have awarded several post-graduate fellowships to young chemists whose training has been interrupted by war service, and who consequently require to devote an appropriate period to further study in order to equip themselves for an industrial post in a manner calculated to render them useful to their future employers. In pursuance of this policy fellowships have been awarded to Mr. W. H. Gough, B.Sc., and Mr. W. A. Haward, B.Sc. (Imperial College of Science and Technology), Captain L. J. Hudleston, B.Sc. (Reading University College), Lieutenant K. H. Saunders, M.C., and Mr. Gordon M. Wright, B.Sc. (University of Cambridge), Mr. P. N. Williams, B.Sc. (University of Liverpool), and Lieutenant Dudley C. Vining (Finsbury Technical College), who will continue their training at the university or college indicated.

German Poison-gas Factories.—Lord Moulton, at the annual dinner of the Society of Dyers and Colourists at Bradford, said that as Director-General of Explosive Supply he had to name a Commission to go out and see the great chemical factories in Germany, along the Rhine. What he had read in their reports and what they had told him in discussions had filled him with dismay. These great chemical industries had been making devilish poison gases in quantities as large as even Germany could want, with the plant they had ordinarily used for chemical products, without changing one single item of the plant. When they found these plants capable of turning out the vilest of all offensive means without any change whatever, they realised what a terrible danger it was that they should exist on such an enormous scale, closely united with one another, and ready at any moment, should the evil intention come, for the fiercest and most villainous war.

In the Courts.—At the Thames Police Court, London, on March 22, three Chinese firemen were charged with importing opium. On being searched, they were found in possession respectively of 1¾ lb., 5 lb., and 5½ lb., stated in court to be worth 20*l*. per lb. The magistrate examined the opium, and observed that it was labelled "Trinidad," and bore the Customs label of that port. There was, he said, no reason to disbelieve that some portion of it was for their own use. He imposed a fine of 20*l*. in each case.—At Newport (Mon.), on March 24, a Chinese seaman was fined 50*l*. for being concerned in smuggling 15½ oz. of opium.—At the West London Police Court, on March 25, a lad named Turl, aged fifteen, was charged with stealing 40*l*. from a bank. Mr. Francis William James, drug-store proprietor, 37 York Road, Battersea, stated that he had posted a cheque for 1*l*. 0*s*. 2*d*. to Royle & Co., Ltd., wholesale druggists, Notting Hill. Other evidence showed that the amount of the cheque had been altered to 40*l*. 0*s*. 2*d*., fraudulently endorsed, and cashed. The lad was ordered to be sent to a reformatory.—At Huddersfield, recently, a lad aged thirteen was placed on probation and ordered to pay costs for stealing the sum of 14*s*. 6*d*., belonging to his employer, Mr. J. W. Cockcroft, chemist and druggist, Northgate.—At Marylebone Police Court, London, on March 22, George Samuel Bailey, an African negro, described as a medicine-maker, was fined 20*l*. (in addition to being sentenced for another offence) for using the title "M.D." without authority. It was stated that Bailey had practised as a doctor, and had treated a number of soldiers, making claims on the War Office in respect of the treatment.—At Bow Street Police Court, London, on March 20, E. W. Sandy was fined 10*l*. for causing a horse suffering from parasitic mange to be led in a public highway.

Business Changes.

Mr. W. G. Bennett, chemist and druggist, who has served with the Forces, is opening new premises in Chanterlands Avenue, Hull.

The name of Becker, Shillan & Co. has been changed to the British Merchants Incorporated, Ltd., and the address is now 37 Eastcheap, London, E.C. 3.

Mr. William Ewart, chemist and druggist, has taken over the business hitherto carried on by Mr. M. Jamieson, 6 Lochrin Buildings, Gilmore Place Edinburgh.

Mr. J. R. Oliver, chemist and druggist, formerly of King Street, Yarmouth, has acquired the North Walsham business of Major E. Gane Inge, chemist and druggist.

Mr. Percy Cheetham, chemist and druggist, who has represented Parke Davis & Co. for fifteen years, is leaving to go into business on his own account at Tidworth, Hants.

Taylors' Drug Co., Ltd., have purchased the business of Blain & Hankinson, pharmaceutical chemists, 69 Market Street, Manchester. The transfer takes place as from March 31. Mr. Blain is retiring from business; Mr. Hankinson remains as manager of the dispensing department.

Irish News.

The Pharmaceutical Society of Ireland.

The Privy Council in Ireland has approved the alterations in the examination regulations of the Pharmaceutical Society of Ireland, by which the fees for the Preliminary examination are two guineas, re-examination fee, one guinea; and those for assistants to pharmaceutical chemists, one guinea, re-examination fee, one guinea. The appointment of Mr. E. Harnett Murphy, B.A., as an examiner for the Preliminary examination has also been approved.

Chemists and Druggists' Society.

A meeting of the Committee of the Chemists' and Druggists' Society of Ireland was held in the Society's rooms, 11 Waring Street, Belfast, on March 12, the Vice-President (Mr. F. Storey) in the chair. There were also present: Messrs. S. Gibson, W. J. Rankin, J. Frackleton, T. Sandford, E. J. Roberts, J. Martin, F. Lindsay, J. Moffet, J. Macauley, and S. Nevin (Hon. Secretary). The Law Committee was re-elected for the ensuing year, and the Rooms and Social Committee reappointed, substituting Mr. Moffet for Mr. Davis. The Finance Committee was also re-elected, Mr. Sandford taking the place of Mr. Jamison. It was decided to institute a Propaganda Committee, and the following were appointed: Messrs. F. Storey, S. Suffern, F. T. Smith, J.P., T. Sandford, and W. J. Rankin. Mr. Lindsay proposed that a letter of sympathy be sent to Mrs. Corbet on the death of her husband, Mr. W. Corbet, Enfield Drug Hall (*C. & D.*, March 15, p. 59). It was reported that Miss M. Leavy, 22 Patrick Street, Mountmellick, had secured the highest place at the R.D. examination last year, and it was decided to award her the Haslett medal (*C. & D.*, March 22, p. 50). A number of Associates were passed for membership, and payment of certain accounts agreed to.

Belfast.

On March 21, at the Belfast Police Court, J. Richardson, Sons & Owden, Ltd., Donegall Square North, were charged with having used rice flour otherwise than in the manufacture of articles suitable for human food. Stewart K. Henry, trading as Hugh Clawson, 71 Academy Street, was charged with aiding and abetting. It was stated that a portion of the rice flour had been used as starch to stiffen linen. It was pleaded for the defence that the rice flour had been purchased on the assumption that it was not controlled. J. Richardson, Sons & Owden, Ltd., were fined 20*l.*, and costs, and Mr. Henry 5*l.*, and costs.

At a meeting of the Belfast Chemists' Assistants' branch of the National Union of Warehousemen and Clerks, held on March 21, the request of the Ulster Drug Trade Association for an Irish National Conference to decide the questions of wages, hours, and conditions was considered. It was agreed to participate in the Conference on condition that it was held not later than April 18; that the employers agree to the assistants' demands being the basis of discussion; that the necessary assistants get leave from business to attend the Conference, and that they be accompanied by trade-union officials representing the workers in pharmacy; and that the employers' section will agree to Dublin, Cork, and Belfast being sufficient to form a National Conference. The employers are willing to agree to the Dublin award (*C. & D.*, 1918, p. 968) being made applicable to Belfast, except with regard to managers and apprentices. The assistants now ask that increased wages be made retrospective to March 1, and failing satisfactory settlement they are prepared to take drastic action on a date named.

At the Belfast Assizes, on March 25, Nathaniel Osborne McConnell, medical practitioner, and proprietor of the Medical Hall, 113 North Street, was charged with the murder on November 3 of Mary Jane Reid, aged twenty-three, by performing an illegal operation. Among the witnesses for the prosecution was Benjamin Clarke, of Benjamin Clarke & Son, wholesale druggists, Belfast, who gave evidence as to the supply of drugs to Dr. McConnell on a number of dates, and James Maxwell, manager for the same firm, who proved the payment of certain accounts by the accused, and said for a period of three months 24 lb., which represented 2½ gals. of ergot of rye, was supplied to the prisoner. David S. Thompson, assistant in the Medical Hall, also gave evidence as to the drugs, pills, etc., kept in that establishment. Mr. Richard J. Moss, analyst, Dublin, was also examined. For the defence it was stated accused had practised in the city for twenty years, and that he had only taken the ordinary steps in the case of the girl. He made a mistake in his diagnosis, which explained the death certificate for influenza and gastritis. The jury found the prisoner guilty, with a recommendation to mercy, and he was sentenced to death. In the case of Alan McIlveen, indicted for aiding and abetting, the Crown entered a *nolle prosequi*.

Cork.

The sale by auction of the freehold of the Medical Hall, 7 O'Connell Street, Clonmel, is announced.

The Waterford Asylum Committee has accepted the tender of Boileau & Boyd, Ltd., Dublin, for the supply of medicines for the next twelve months.

Dublin.

At the Dublin Southern Police Court, on March 21, Christina Murray, domestic servant, was charged on remand with having obtained chlorodyne on two occasions, and with having attempted to obtain it a third time, by false pretences (*C. & D.*, March 22, p. 50). Defendant's solicitor said that accused's relatives had been in conversation with the lady probation officer, who suggested that to put the girl on six months' probation would meet the case. The magistrate agreed, and made an order accordingly.

Scottish News.

Brevities.

There were fifty applicants for the lately vacant post of chief analytical chemist to the gas department of the Glasgow Corporation.

A prisoner of war returned from Turkey reports that pharmacy in that country is in a very bad condition, even the most common remedies being unobtainable.

Mr. D. M. Jamieson, chemist and druggist, 189 Strathmartine Road, Dundee, has sold his business to Mr. James Robertson, chemist and druggist, 150 Ann Street, Dundee.

The directors of Young's Oil Co., Ltd., have decided to close down the Addiewell Oil Works. In the paraffin-making department the men put in a claim for another advance of 3*s.* per day, which the company refused. Including shale miners, about 1,000 workers will be affected.

Edinburgh.

An Edinburgh chemist announces to his customers that only clean medicine bottles will be accepted as returns.

In Dumbiedykes Road a huge well-weathered board still announces that Blaud pills are to be purchased somewhere at 6*d.* for twelve dozen.

Mr. James G. P. Stevenson is the new clerk and Treasurer to the Edinburgh Insurance Committee in place of Mr. R. J. Wishart, who has resigned.

The Medical Bureau at 8 Henderson Terrace and 12 Archibald Place will be closed on and after March 31 in view of the return of a number of doctors from military service.

Mr. Thomas Barron, chemist and druggist, Secretary of Hope Park and Buccleuch Congregational Church, received a presentation from the members of the church last week in appreciation of his services. Mr. Barron is giving up the practice of pharmacy, having joined his brother in another vocation.

Fife.

Fife chemists are finding business slackening off.

Mr. David Leadbetter, chemist and druggist, Lochgelly, has been co-opted a member of the Lochgelly Town Council.

Mr. A. G. Adamson, chemist and druggist, Kirkcaldy, is one of the candidates for a seat on the new Fife Education Authority.

Mr. Peter Fenton, chemist and druggist, Cardenden, has resigned his membership of the Cardenden and District Ratepayers' Association.

Mr. Burrell, formerly in business as a pharmacist in Montrose, is now managing the Links Street branch of Mr. A. Adamson, chemist and druggist, West End, Kirkcaldy.

Mr. Angus McDonald, chemist and druggist, manager of the drug department of the Dunfermline Co-operative Society, is a candidate for election to the Local Education Authority.

Captain Rankine, M.C., R.A.M.C., M.B., who has been awarded a second bar to the Military Cross, was with David Gilmour & Son, chemists, Dunfermline, prior to entering on a medical career.

Private W. Anderson, who handed a 10*l.* note to the military authorities in Durban at some remote period of time and has just received it in Scotland—less cost of transmission—was in pre-war days an apprentice to Bailie McLean, chemist and druggist, Kinghorn.

French News.

(From the "C. & D." Paris Correspondent.)

Medical Profession's Casualties.—Of 17,759 French doctors mobilised, 1,235 have been killed or otherwise died during the war.

Award for Gallantry.—M. Paul Chatillon, assistant army pharmacist and son of a Lyons pharmacist, has been cited for gallant conduct near St. Quentin from October 3 to October 8, 1918. He assured the liaison between the stretcher-bearers' outpost and the battalions of chasseurs (riflemen), and insisted "on remaining at his post till utterly exhausted, giving a fine example of devotion to duty."

Destroying Flies and Larvæ.—MM. Georges Boyé and René Guyot have investigated the best means of destroying flies and their larvæ. Their report, sent to the Academy of Medicine, may be summed up as follows: *For larvæ*, alkalis, acids, and sodic crésylol (crésylol sodique) give the best results; *for flies*, cobold (black arsenic) and castor oil are the most efficacious, more especially if a few drops of croton oil be added to the latter. The number of substances experimented upon was considerable, and the list of those classified as effective is a very lengthy one.

The Girard Poisoning Case is attracting some notice here on account of its sensational character. The accused was a "preparator" in a toxicological laboratory, and the assumption is that he profited by his medical and bacteriological knowledge to ensure the death of his victims in such a manner as to leave him, for long, unsuspected. His interest in their death was founded on the fact that he insured their lives in his favour, carefully concealing the fact from the doomed persons. Two individuals are stated actually to have succumbed, and several others to have narrowly escaped death.

Laboratory at Montpellier.—The foundation of a Laboratory of Industrial (Manufacturing) Pharmacy at Montpellier was suggested by the existence of a similar establishment at Nancy. These two towns are the only provincial centres each boasting of a "superior" school of pharmacy. Professors Jadin and Astruc, of the Montpellier School, took the initiative in the matter. The money was raised by various fees, a small credit voted by the University and other means, and a modest start made. For five years money and apparatus were accumulated, and finally nothing remained but to secure suitable premises. For this a special credit was granted, and the laboratory is now ready. In July 1916 the University Council passed a motion in favour of the creation of a special chair of Galenical and Industrial Pharmacy, and M. Astruc has just been officially nominated to this post.

British Award to French Pharmacist.—The list of French pharmacists decorated for bravery in the field during the war is a very long one, but the British Military Cross has been so seldom bestowed on a French pharmacist that a case is worthy of note. The recipient is M. Jammes, who in civil life is a Parisian pharmacist, keeping open shop at No. 9 Rondpoint de Longchamps. In the Army he commands the second group of the 105th French Artillery, has received four wounds, and been seven times cited for gallant conduct. He has "taken part in all the principal movements, and has always distinguished himself by his bravery under fire." During the "rude combats on the Aisne, in Flanders, and on the Ourcq," he rendered "great services." In Flanders "he succeeded, in collaboration with the British artillery, in obtaining information concerning the German artillery which enabled the latter to be neutralised with success."

The Lyons Fair has this year attracted a larger number of British exhibitors than usual (*C. & D.*, March 8, p. 49). The chemical, pharmaceutical, and allied exhibits are grouped principally in the Avenue du Parc, on the left bank of the Rhône. In Group 11 (chemicals, pharmaceuticals, drugs, etc.) we notice the Anglo-French Drug Co., London, the Leyland and Birmingham Rubber Co., several Italian exhibitors, and a few well-known French firms, including Ch. Buchet & Co., Boulanger-Dausse & Co., Poulenc Frères, and the Usines du Rhône. The name of M. Lumière, one of the presidents of this group, is familiar; his colleague is M. Marius Sestier, of the Lyons pharmaceutical house. Group 12 is devoted to surgical and bacteriological instruments, medical electricity, x-rays, optics, etc. We did not recognise any British names among the exhibitors in this section. In General Chemical Industry (Group 13) figure British Dyes, Ltd.; Brown & Forth, London; Jas. H. Dennis & Co., Ltd., Liverpool (sulphate of copper); Forwood Bros. & Donaldson; Instone & Co.; the United Turkey Red Co., Ltd.; and Snowdon, Sons & Co., Ltd., London; while the Gas Light and Coke Co. and the South Metropolitan Gas Co., London, show by-products. Three Italian firms and several important French firms figure here. Group 34 (perfumery) is located in the Place Bellecour, the Trafalgar Square or Place de la Concorde of Lyons. Among the eighty exhibits are those of the Erasmic Co., D. & W. Gibbs, Ltd., Lever Bros., Ltd. (soap), Idris & Co., Ltd. (mineral waters), Thermal Syndicate Co., Wallsend (laboratory apparatus), Cussons, Sons & Co., Ltd. (Manchester), Stafford Allen & Sons, Ltd., London, and Botot, J. Giraud fils, H. Muraour et Cie., Crêmo Simon, etc. The products of Rubber Tar, Ltd. (Glasgow), are also classified in this group. There are numerous Canadian stands, but few chemicals amongst them; cobalt and nickel are displayed by The Metals Chemical Co., Welland, Ontario. The British exhibitors met at a dinner held recently at Lyons. Mr. Laurier, of the British Chamber of Commerce, presided, and made suitable allusion to the excellent work done in connection with the Fair by Mr. F. W. Angus, the Lyons correspondent of the Chamber.

Pasteur Dramatised.

"Pasteur," the five-act play by M. Sacha Guitry, which was produced at the Vaudeville Theatre, Paris, recently, cannot be classed under any of the conventional theatrical headings. It is neither comedy, tragedy, nor melodrama, but a new departure which can only be described as dramatic biography, or the apotheosis of a popular hero in a series of moving and speaking "tableaux vivants."

The first act represents Pasteur in 1870 in his little laboratory in the rue d'Ulm. The savant enters and joins his waiting pupils, questioning them as to the rumours of war. From the crowd outside, and the news of the departure of the students, we understand that hostilities have commenced. Pasteur commences his lesson, "Our greatest enemies—the microbes." . . .

We next see him before the Academy of Medicine, facing hostile critics, challenging them to confute his assertions by experiment and not merely by words. Another scene shows him in the corridors of the Institute, where the news that he is offered the Grand Cross of the Legion of Honour and the fauteuil of Littré at the Académie Française cannot console him for still being misunderstood and unappreciated.

In a subsequent act is introduced the well-known episode of the lad, bitten by a mad dog several days before, and brought to Pasteur for treatment. Is it too late? Should he stake his reputation on a case which the doctors hint is hopeless? He hesitates, but finally he picks up the luckless child, whom no one else dare touch, and thus secures his first popular triumph.

Further scenes depict his steady research at his sunny home at Arbois, and the arrival of Meister, the lad whose life he has saved, who comes to thank his benefactor.

The last scene of all is in the Sorbonne, in a passage leading to the great amphitheatre, already filled by delegates from all the civilised world, gathered to pay homage to France's great chemist. Pasteur stands there, already almost detached from this world, his work terminated, his triumph assured. President Carnot advances to take his arm, and they disappear together through the door leading on to the stage.

Lucien Guitry, father of the author, was loudly applauded for his masterly presentation of the hero of the play. The favourable reception was all the more remarkable owing to the curious nature of the piece without a plot, without a single female character, the sole "human interest" being the struggle and victory of the scientist.

Mr. John Arthur K. Jessop, Elford, Olton, Warwick, formerly carrying on business as a chemist and druggist at Acocks Green, who died on January 9, has left property of the value of 30,526*l.* 3*s.* 8*d.*, the net personalty being 6,580*l.* 0*s.* 10*d.*

Money to Belgium.—Money orders can now be issued at any money-order office in the United Kingdom, for payment to civilians in Belgium. The maximum amount for which a single order is issued is 40*l.* The poundage is 3*d.* for every pound or fraction of a pound. Telegraph money orders cannot be accepted.

Chinese Burning Opium.—The "Illustrated London News" (March 22) contains some remarkable photographs showing the Chinese at work burning $12,000,000 (about 2,400,000*l.*) worth of opium at Pootung, in January last. Special furnaces were built in which to burn the drug, and 1,293 chests were examined by experts to detect any counterfeit balls they might contain; but comparatively few were found.

Legal Report.

Salicylic-acid Plant Appeal.—In the Court of Appeal, before Lords Justices Bankes, Warrington, and Atkin, on March 25, the case of the Lennox Foundry Co. *v.* J. H. Whittaker and others was heard upon the defendants' appeal from a judgment of a Divisional Court composed of Justices A. T. Lawrence and Rowlatt, reversing a judgment of the Official Referee. In this case the plaintiffs, who carry on business at New Cross, S.E., brought the action to recover from the defendants, who carry on business as the Warrington Drug and Chemical Works, a sum of 200*l.* in part payment of a plant fixed by the plaintiffs for the manufacture of salicylic acid. Plaintiffs' case was that the arrangement was that the defendants were to pay 50 per cent. with the order, which amount was paid, and the dispute was in connection with the next payment of 25 per cent. on delivery and a third of 25 per cent. when Mr. Lennox, of the plaintiff company, had shown that the results desired by the defendants could be obtained. The Referee decided that the defendants were entitled to judgment on the claim, and also on a counterclaim which the latter had set up, but the Divisional Court, on the appeal of the plaintiffs, allowed their appeal, and entered judgment for the plaintiffs on the claim and counterclaim, with costs, and from this decision the defendants now appealed. Mr. Langdon, K.C., in support of the appeal, contended that the Divisional Court had not disturbed the finding of the Official Referee that there had been a breach of warranty by the respondents. On March 26 Mr. Cyril Atkinson, K.C., on behalf of the respondents, supported the judgment of the Divisional Court, contending that the Official Referee had applied the wrong principle in dealing with the value of the plant which his clients had delivered. The appellants had not endeavoured to substantiate the suggestion that the plant which was delivered to them was valueless. The Official Referee had really not given credit for anything. Judgment was reserved.

Constitution of a Works Committee.

The following are the details of a scheme for a Works Committee which is to be formed in connection with Ayrton, Saunders & Co., Ltd., Liverpool. The Committee will at first consist of twelve members (with power to co-opt as many more if so decided), to be made up as follows: The staff has been divided into groups for the purpose of nominating the first Committee: (1) Clerical staff, including telephone operators, general office, typists, drug office, costing, showroom, wages, correspondence, to be represented by one. (2) Warehouse, to include counter, patent department, confectionery, surgical, hosiery, fitting, glass-blowing, glass-writing, wood-turners, box-room, fancy-room, sponge-room, sample department, cleaners, bottle department, to be represented by two. (3) Despatch, including checkers, packers, despatch office, receivers, lifts, carters, porters, motor-men, county and town motor staff, post and passenger staff, to be represented by two. (4) Manufacturing, packed goods and tablets, to be represented by three. (5) Printing and label department, to be represented by one. (6) Drug department, to be represented by two. (7) Box factory, to be represented by one. Persons eligible for nomination must be twenty years of age or over, and must have had at least six months' service with the company, and not be managers of departments. Each employé has the right to nominate one person. (Particulars are given as to the dates for nominations and for the election.) The scope of the Committee is given as follows: To discuss conditions of employment and work, complaints and improvements in organisation, and output; to be purely advisory and in no way executive. The Committee will select their own chairman, but it is suggested that the secretary should be provided by the management, the Committee having power to re-consider their own constitution in the light of experience, subject to the approval of the Board; they shall be able to extend invitations to any departmental manager, or other member of the staff, if they consider the subject under discussion will be of particular interest to him. Any member of the staff, who has a suggestion to make, should communicate it to his or her sectional representative, who will be expected to put it on the agenda of the Works Committee.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

Jee & Smith, Ltd. (P.C.).—Capital 2,000*l.* Objects: To take over the business of a chemist and druggist carried on by H. C. Swaby at 29 Bridge Road, East Molesey. R.O., 29 Bridge Street, East Molesey.

Morris's Chemical Co., Ltd. (P.C.).—Capital 1,000*l.* Objects: To carry on business as wholesale and retail chemists, drysalters, perfumers, druggists, grocers, etc. R.O., 63 Hall Road, Peckham, London, S.E. 15.

Pancreol, Ltd. (P.C.).—Capital 10,000*l.* Objects: To acquire the formula of an artificial "bate" known as "Pancreol," and to carry on the business of chemists, druggists, etc. First directors: J. T. Wood and J. H. Fenner (both permanent), Sir John Turney, and W. G. Fenner.

F. H. Long, Ltd. (P.C.).—Capital 500*l.* Objects: To carry on business as chemists, druggists, drysalters, oil and colour men, etc. The subscribers (each with one share) are: F. H. Long, 63 Holton Road, Barry; and B. Griffiths, 6 Newcastle Hill, Bridgend, pharmaceutical chemist.

Price's Patent Candle Co., Ltd.—The report for the year ended December 31 last shows a profit of 242,842*l.* compared with 300,156*l.* for 1917, 211,407*l.* for 1916, and 143,145*l.* for 1915. After adding 28,056*l.* brought forward, and deducting the interim dividend of 15*s.* and bonus of 5*s.* per share, amounting to 37,500*l.*, paid in September last, and interest on debenture stock, 10,000*l.*, there remains 223,398*l.* The directors have set aside 110,000*l.* for excess profits tax, and propose writing off 10,000*l.*, as usual, for depreciation of buildings and plant, to place 5,000*l.* to pension fund, apply 70,312*l.* in payment of a final dividend of 1*l.* 5*s.* and bonus of 12*s.* 6*d.* per share, making 2*l.* 17*s.* 6*d.* per share, less income-tax, for the year, carrying forward 28,085*l.*

Evans Sons Lescher & Webb, Ltd.—The seventeenth annual meeting was held at 56 Hanover Street, Liverpool, on March 21, Mr. William P. Evans (chairman of directors) presiding. In moving the adoption of the report and balance-sheet (see *C. & D.*, March 22, p. 54), the Chairman commented on the various items mentioned in the report. The volume of business done, he said, showed a large increase on that of the previous year, and the increased sales in export trading were due to business hitherto done by Germany. Every endeavour would be made to retain this new business and increase it in the future. In reference to the accounts, it will be seen that the same dividend is declared on the year's trading as in the previous year, with the addition of 2½ per cent. bonus; 5,000*l.* is placed to reserve, which is double the amount of the previous year; and the balance carried forward to next year's account is a larger sum. During the year the directors felt that their managers and old servants should participate in the profits of the company, and with that object in view offered a certain number of the ordinary shares (which are held by the directors), and are pleased to record a very gratifying response. Mr. E. A. Webb (Deputy Chairman) seconded the motion, which was carried unanimously. Mr. J. M. Tallantyre proposed that Messrs. K. W. E. Evans, E. A. Webb, and J. N. Evans, the retiring directors, be re-elected. Mr. J. T. Collis seconded, and it was resolved accordingly. Mr. W. Wellings moved that Chalmers, Wade & Co. be reappointed auditors to the company for the year 1919, and that their remuneration be 500*l.* per annum. This was agreed to.

Deed of Arrangement.

Newton, Alfred, 68 Christchurch Road, Reading, pharmaceutical chemist.—Trustee, P. S. Booth, 32 Kimberley House, Holborn Viaduct, London, E.C., accountant. Dated, March 11; filed, March 18. Liabilities unsecured, 775*l.*: estimated net assets, 250*l.* Among the creditors are The British Drug Houses, Ltd., 90*l.*; S. Maw, Son & Sons, Ltd., 83*l.*; Evans Sons Lescher & Webb, Ltd., 68*l.*; Camwal, Ltd., 40*l.*; Parke, Davis & Co., 32*l.*; Francis Newbery & Sons, Ltd., 12*l.*; Oatine Co., Ltd., 10*l.*; Vinolia Co., Ltd., 10*l.*; Allen & Hanburys, Ltd., 18*l.*; F. S. Cleaver & Co., Ltd., 6*l.*; Robert Ferber, Ltd., 18*l.*; Alfred Bishop, Ltd., 6*l.*; A. Wander, Ltd., 6*l.*; Yardley & Co., Ltd., 7*l.*; Meggeson & Co., Ltd., 43*l.*; Bradley & Bliss, Ltd., 68*l.*; and John Richardson & Co. (Leicester), Ltd., 18*l.*

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

Income-tax Yield.

Mr. Baldwin stated in the House of Commons recently that the yield for each 1*d.* of the standard rate of income-tax for 1916-17—the latest year for which final figures are available—was 3,360,612*l.*

The Price of Saccharin Tablets.

Mr. Macquisten, on March 20, asked the President of the Board of Trade a question in regard to the price of saccharin tablets, and was informed that the control over the price was entirely removed on January 1.

Irish Children's Health.

In the House of Commons, on March 24, the Public Health (Medical Treatment of Children), Ireland, Bill was read a second time. The object of the measure is to enable local authorities to provide for the medical inspection and treatment of children attending elementary schools in that country.

Salvarsan Substitutes.

The President of the Local Government Board informed Mr. Waterson, on March 26, in the House of Commons, that records of cases of venereal disease dealt with in authorised centres are kept. It is too early yet to say whether the results of the Government-aided treatment of the disease by means of salvarsan substitutes can be published.

Dr. Freyberger's Disloyalty.

The Home Secretary has informed Colonel Burn that the act of disloyalty committed by Dr. Freyberger (see p. 57) was the aiding and abetting of his son in an attempt to disclaim British in favour of Austrian nationality and so avoid military service. He believes that many years ago Dr. Freyberger's name was included by the L.C.C. in a list of competent pathologists whom London coroners were authorised to consult, but, so far as he is aware, he was never employed by the Government.

Chemists and Clinical Thermometers.

In the House of Commons, on March 26, Mr. Swan asked the Parliamentary Secretary to the Ministry of Munitions if the Government is prepared to suspend the Order requiring all clinical thermometers to be tested and approved by the National Physical Laboratory before sale until there is a better supply, in view of the influenza epidemic; and if he will state what steps are being taken to ensure a better supply and what proportion of clinical thermometers sent to the National Physical Laboratory is rejected.

Mr. Kellaway replied that it was found necessary to make the Order owing to the large number of inaccurate instruments which were getting into the hands of the public, and he does not propose to suspend it. In order to develop the supply of these instruments arrangements are made for the manufacture of the necessary kind of glass, and the instrument-makers are given expert advice in the production of the finished article, which is now approximately twice as great as before the issue of the Order. An average of 10 per cent. of the instruments submitted by chemists has been rejected.

The Export of Fertilisers.

The Parliamentary Secretary of the Ministry of Munitions stated in the House of Commons on March 24 that arrangements have been made with the President of the Board of Agriculture for the release of certain quantities of superphosphates and compound manures for export. Firms desiring to export these commodities have to obtain a licence from the War Trade Department. Manufacturers to whom licences are issued have to pay the amounts notified in each instance by the Ministry of Munitions as being equivalent to the total loss incurred by the Government in respect of raw materials used in the manufacture and packing of the exported goods. The figures 4*l.* per ton in the case of compounds and 3*l.* 17*s.* 6*d.* per ton in the case of superphosphates were maximum figures, and manufacturers have been informed that the average amount recovered by the Government would be 3*l.* 7*s.* 4*d.* for compound fertilisers and 3*l.* 0*s.* 4*d.* for superphosphates, a deduction of 18*s.* 4*d.* from these amounts being made in each case where the bags are provided by the manufacturers. The loss arises from the issue by the Government to manufacturers of pyrites, phosphate rock, and bags at prices below cost, and the figures above quoted were calculated from data in the possession of the Explosives Supply Branch of the Ministry and the finance branch attached thereto. The exact amount repayable would of course vary with the nature of the material exported. The trade have always been aware that the Government incurred a loss on the import of raw materials for fertilisers, and that accordingly an appropriate proportion of this loss would be recoverable in case of export. Four licences have been granted for export, and the amount recovered is estimated at 1,000*l.*

Demobilisation Definitions.

The Secretary of State for War, in the House of Commons on March 20, gave the following definitions of terms used in connection with demobilisation:

1. (*a*) *Demobilisers.*

A demobiliser is an officer or soldier who is required immediately on the cessation of hostilities, whether in a military or civil capacity, for demobilisation purposes. He was selected by a Government Department and his name sent to the War Office. The number was limited.

(*b*) *Pivotal Men.*

A pivotal man is an officer or soldier required in a civil capacity immediately on the cessation of hostilities for the purposes of national reconstruction. He was selected by the Ministry of Labour from employers' applications and his name sent to the War Office. The number was limited.

(*c*) *Special Release.*

In cases where men could not be certified as "pivotal" men the Ministry of Labour selected a number for special release on general industrial grounds and sent the names to the War Office. The number was limited.

Demobilisers, pivotal men, and men recommended for special release are entitled to immediate release subject to military necessities, and whether or not the group to which they belong is open for demobilisation.

The effect of Army Order 55, of 1919, was to do away with demobilisers, pivotal men, and special-release cases, except in so far as men had already been registered by the War Office before February 1, 1919. Men so registered before that date are still entitled to immediate demobilisation (subject to military necessities), whether or not they fall within the classes otherwise eligible for demobilisation under that Order, but no men can, since the issuing of the Army Order in question, be recommended for release as demobilisers or on pivotal grounds or for special release on business grounds, and their eligibility for demobilisation is now dependent on the terms of the Army Order.

2. *Compassionate Release.*

It should be noted that the Army Order does not in any way affect men who may be demobilised on extreme compassionate grounds, notwithstanding that they are not otherwise eligible under Army Order 55.

3. (*a*) "*Slip*" *Men.*

In order to assist reconstruction in civil life, forms known as Civil Employment Forms were distributed to units. Officers might fill up these forms if they so wished, but all men had to do so. These forms give all necessary particulars concerning the officer or man in question, including his employment in civil life, and the names of his previous employers. The forms, when completed, were forwarded by officers commanding units to the Ministry of Labour. The Ministry of Labour, after having ascertained that the officer's or man's employment was assured in civil life, post a release slip (which is attached to the form received) to officers commanding units concerned. The officer or man is then registered as a "slip" man, but he is not entitled to immediate or early demobilisation as is a demobiliser, or a pivotal man, or a man whose special release is recommended. He is merely entitled to priority of release over the men in the same group to which he belongs who are not so registered. The effect of Army Order 55 is that a "slip" man is not demobilised unless he is eligible for demobilisation under the terms of the Army Order. A "slip" man need not have been applied for by a pre-war employer, but any employer who has employed him at any time or who has never employed him at all may agree to employ him. Therein he differs from a "contract" man.

(*b*) "*Contract*" *Men.*

Early in December 1918 it was decided that employers who wished to re-employ officers or men who had been in their service on or before August 4, 1914, could make out an offer of employment, in accordance with the prescribed form, and, after having had the offer approved by a local advisory committee attached to the Employment Exchange, send it to the officer or man whom they wished to re-employ. If the officer or man wished to accept the offer of re-employment, he handed the offer to his commanding officer, and he was registered for demobilisation as a "contract" man, and is treated on the same footing as a "slip" man.

(*c*) Neither "slip" nor "contract" men can be demobilised unless they are eligible under the terms of the Army Order.

Ministry of Health Bill.

Discussion in Committee.

This measure has been further discussed in Standing Committee. On Clause 3, which provides for the transfer of duties to other Government Departments, Sir Courtenay Warner thought it would be wise if some other form of carrying out the provisions of the Bill than by Order in Council could be devised. It was an autocratic way for Ministers to proceed. Dr. Addison admitted that Orders in Council are a little unpopular nowadays, no doubt owing to the operation of the Defence of the Realm Act. There were five different provisions relating to transfers in the Bill affected by Order in Council, and in every case it was specifically sanctioned by Parliament in the Bill. They must adopt some procedure for carrying into effect its provisions; and he thought the most businesslike method had been adopted. Sir Ryland Adkins said a custom had grown up during the war by which Government Departments sought to do by Order things which should really be the subject of legislation. They ought jealously to maintain the use of Orders in Council for purely administrative work. They ought to scrutinise with the greatest care any extension of these Orders in relation to new Acts of Parliament. Parliament ought to have a voice in saying to which Minister powers of importance should be transferred by Order in Council. Further, an Order in Council should be laid in draft before each House, and not submitted to his Majesty until a resolution of each House had been passed approving or modifying it. Dr. Addison regarded the suggestion as useful, and thought it might be considered when they came to Clause 8, which related to Orders in Council. On Clause 4, which deals with the establishment of consultative councils, Sir Watson Cheyne moved that for the words "it shall be lawful for his Majesty by Order in Council to establish consultative councils" there should be substituted "it shall be the duty of the Minister to set up advisory councils." He thought that advisory councils should be an integral part of the Bill, and he believed that they would not be subject to the whims of a Minister. Sir Philip Magnus, speaking on behalf of some 1,500 or 2,000 members of the medical profession, said they were impressed with the importance of including in the Bill the establishment of councils to advise the Minister on the essential parts of the Bill. Sir A. Warren remarked that advisory committees under the National Insurance Commissioners never knew whether their advice was followed or not. If advisory committees under the Ministry of Health were not going to be of much more value there would be little use in appointing them. Major Astor hoped the Committee would accept the proposal in the Bill as the most proper one to adopt. He did not think there was much difference between the two words "advisory" and "consultative." Dr. Addison said if the Minister himself were to set up the councils in any form he liked it would mean he would be subject to any form of Parliamentary criticism. This was an important part of the scheme, and Parliament must have an opportunity of reviewing the proceedings. He was a strong believer in the councils. By the draft of the proposed Order it was proposed that each council should not exceed twenty members. There would be four councils—Local Government, medical, insurance, and one representing the public generally. Sir Watson Cheyne withdrew his amendment. The draft Order which is to be made under this clause was circulated as follows:

(1) The council shall consider and report upon the questions from time to time referred to them by the Minister, including—

(*a*) questions arising upon the draft of Orders in Council, and of Regulations, Orders, and Special Orders proposed to be made by the Minister.

(*b*) questions involving considerations of important principle and scientific difficulty affecting or incidental to the health of the people;

(*c*) any other questions in connection with such of his powers and duties as relate to matters affecting or incidental to the health of the people;

and the Minister shall place at the disposal of the council the information required to enable them to consider the matters thus referred to them.

(2) The council may propose to the Minister from time to time that any question in connection with such of his powers and duties as relate to matters affecting or incidental to the health of the people, if pertaining to the functions of the council, shall form the subject of a reference to the council, and the Minister shall receive and consider any such proposal.

(3) The council may also present to the Minister from time to time a report on any matter affecting or incidental to the health of the people, if pertaining to the functions of the council, which has not been made the subject of reference to the council under the foregoing provisions of this Order, and the Minister shall receive and consider such report.

Another amendment was designed to ensure the publication of the reports of the consultative councils, but after discussion this was withdrawn. On Clause 5 Dr. Addison moved a new clause giving power to appoint a Board of Health in Wales under the directions of the Minister of Health. To Clause 6 an amendment was added that no payment shall be made to members of consultative councils and committees other than the repayment of travelling expenses, payment of subsistence allowance, and reasonable compensation for loss of remunerative time. The question of Orders in Council came up again on Clause 8, and the following amendment was accepted:

In the case of an Order providing for any transfers of powers or duties to or from the Minister under Sub-Sections 2 and 3 of Section 3, the Order shall not take effect until both Houses by resolution have adopted the same, and shall take effect subject to any modifications and adaptations which may be agreed to by both Houses, and in the case of any other Order if either House before the expiration of such thirty days presents an address to his Majesty against the draft, or any part thereof, no further proceedings shall be taken thereon, without prejudice in the making of any new draft Order.

A new clause is under consideration extending to Ireland certain provisions of the Act.

Pharmaceutical Deputation.

The Secretary for Scotland having arranged to meet a deputation from the North British Branch of the Pharmaceutical Society of Great Britain with reference to the prospective Ministry of Health Bill for Scotland, a deputation attended at the Crown Office, Edinburgh, on March 22. The deputation consisted of Messrs. William Giles, J.P., Aberdeen, Chairman of the Executive; Thomas Guthrie, Glasgow, member of the Society's Council and Chairman of the Pharmaceutical Standing Committee (Scotland); W. S. Glass, Edinburgh; J. H. Thomson, Dundee; and J. Rutherford Hill (Resident Secretary). They were received by the Lord Advocate for Scotland.

Mr. William Giles, in introducing the deputation, said that they were anxious to do anything they could to secure efficient legislation on this important subject. He called upon the Resident Secretary to submit a statement.

The Resident Secretary, in the course of his communication, said he would assume that his Lordship was familiar with the statement of their claim which had already been submitted to the Secretary for Scotland and to all Scottish members of Parliament (*C. & D.*, March 15, p. 56).

On the general question, Scottish pharmacists concurred in the desire that the Scottish Board of Health should be free from the control of the Scottish Office, simply on the ground that the time of the Scottish Office was already very fully occupied with other highly important matters. While not objecting to the Secretary for Scotland being President of the Board, they desired to see a Vice-President appointed who would be a Parliamentary Secretary responsible to Parliament and giving his whole time to duties connected with public health administration. They also thought it unnecessary and undesirable to include the *ex-officio* members on the Board of Health, which the present Bill indicated. Mr. Lloyd George, in introducing the National Health Insurance Act in 1911, spoke with high approval of what he called the better way in Scotland, and made it the basis of Section 15 (5) of the National Health Insurance Act, 1911. Under that plan the prescribing of medicines was clearly recognised as the proper sphere of the medical practitioner, and the dispensing of medicines as that of the pharmacist. The dispensing doctor and the prescribing chemist were equally out of date and contrary to the best interests of public health administration. This differentiation and the clearer recognition of the pharmacists' position as a distinct unit in any scheme of public health administration warranted them in asking to have a duly qualified pharmacist included in the Scottish Board of Health. They desired to emphasise the point that they did not make this claim on the ground of seeking any class representation. They did not think such class representation was in itself at all desirable. The proposal was made rather on the ground of securing a Board of Health consisting of persons possessing such qualifications

as would ensure efficient administration and control of the Public Health Service. They submitted they were fully justified in saying that a qualified pharmacist should be appointed, not to represent any interests of pharmaceutical practitioners, but because his expert knowledge and experience were a valuable guide from the pharmaceutical side on all public health matters. It was their constant experience that in town councils and other such bodies a qualified pharmacist could render very valuable assistance and had a knowledge of many practical problems connected with drainage, ventilation, hygiene, disinfection, and the supply of medicines and medical and surgical appliances which was not possessed in an equal degree by any other person. The Pharmacy Act of 1852 declared it to be expedient for the safety of the public that persons exercising the business or calling of pharmaceutical chemists should possess a competent practical knowledge of pharmaceutical and general chemistry. They were therefore endeavouring to safeguard and advance the practice of pharmacy, which was their chosen profession (and that explained the professional interest they had in pressing this scheme for recognition), but they felt they could honestly affirm that the claim was made not from any mere class-interest point of view, but from the point of view of the Pharmacy Acts—namely, the safety of the public or the good of the nation. They found that the special knowledge of the qualified pharmacist was not adequately realised by the public, and that, quite unintentionally perhaps, it was very apt to be ignored by the medical profession. An intelligent experienced pharmacist had peculiar opportunities for acquiring expert information on all matters bearing upon public health. He frequently saw and heard far more than any single ordinary medical practitioner. He was inevitably in contact with the treatment of disease and the results of the treatment by different practitioners. He was especially in close touch with conditions causing illness among the poor, where many illnesses had their origin. What they felt was that a qualified pharmacist on the Board of Health for Scotland would have plenty of work to do, and could render an important national service in that capacity. They inferred from statements in Parliament that possibly there might be only one consultative Council for England, one for Wales, and, in all probability, one also for Scotland. Clause 4 stated that the intention was that these Councils should consist of persons having practical experience of the matters referred to the Council. They desired very strongly to indicate the necessity for having qualified pharmacists duly represented on all such consultative Councils. They were ready to give any further information desired, and to co-operate in every way in making the Ministry of Health Bill for Scotland a thoroughly efficient piece of legislation.

The Lord Advocate, replying, said that he was sure they all must recognise the importance of the work done by qualified pharmacists, and also their readiness to place their qualifications at the service of the State.

The Channel Tunnel.

The announcement that the Channel Tunnel scheme has received the support of the Government again brings the subject prominently before industrial interests throughout the Empire. The impetus given to the project at the present time is derived from the cessation of hostilities, but had there been no European war it would probably as certainly have come to the front. In September 1913 a resolution was adopted at the annual meeting of the Associated Chambers of Commerce urging the Government to consider the project favourably.

It is not necessary to enter into the arguments in support of the creation of this new avenue for trade, but it may be interesting at this juncture to review the matter historically. The proposed submarine railway between England and France was the subject of a concession by the French Government to the French Tunnel Co. in 1874, when a shaft was sunk at Sangatte, near Calais, and a gallery driven for a mile and a half beneath the sea. In 1875 the Channel Tunnel Co. obtained an Act of Parliament permitting certain experimental operations, but nothing was done, and the concern was bought up by the Submarine Continental Railway Co. in 1886. An International Commission was set up in 1876, and the Commissioners formulated some regulations intended to serve as a basis for a treaty to be concluded between France and England concerning the enterprise. In 1881 the South-Eastern Railway Co. obtained an Act permitting experimental operations, and a shaft was sunk near Shakespeare's Cliff, and a tunnel 7 feet wide was driven 2,015 yards. Two other shafts were sunk, but these works were all taken over by the Submarine Continental Railway Co. The latter company was registered in 1881 with a capital of 250,000*l*. In 1882 the work ceased. In 1883 a Joint Committee of the House of Lords and House of Commons was appointed and heard the promoters' evidence; their report covers nearly 600 pages. In 1886 the company increased its share capital to 275,000*l*., and was thereafter (in 1887) known as the Channel Tunnel Co., Ltd. In 1897 the share capital was reduced (it stood at under 100,000*l*. in 1914), and in 1906 the scheme was again before Parliament, but it was then withdrawn on account of Government opposition. In 1913 the project was revived, the Government calling for reports thereon from the Admiralty, the War Office, and the Board of Trade. The intervention of the war shelved the matter for five years. The scheme is expected to provide work for a large number of men, and thus neutralise some of the unemployment which the demobilisation of the Forces will have caused.

"Nature" gives the following additional details of the scheme: The chalk cliffs on the two sides of the Channel are similar in all respects, and rest on a stratum of grey chalk 200 ft. thick, which is impervious to water. This overlies gault, also impervious. The tunnel is to be constructed in the grey chalk, except that at one end it may possibly enter the gault. The excavation is easy, and no exceptional engineering difficulties are anticipated. Two parallel tunnels, 20 ft. in diameter, will be constructed for up and down traffic. One or both ends will be carried some distance inland. The total length will be thirty-three miles, about twenty-four being under the sea. It is estimated that the tunnel can be completed in six or seven years at a total cost of 20,000,000*l*. Electric traction will be adopted, which diminishes the difficulty of ventilation, and the transit will occupy about forty minutes.

Chemical Society.

A Meeting of the Chemical Society was held at Burlington House, London, W., on March 20, Sir William Pope (President) in the chair. Dr. Lowry read a paper, by himself and H. H. Abram, on *The Rotatory Dispersive Power of Organic Compounds. Part IX.: Simple Rotatory Dispersion in the Terpene Series.* This paper embodied work carried out prior to the war. The author dealt with the constancy of the rotatory dispersion values compared with the calculated values on the basis of the formula $\alpha = \frac{k_1}{\lambda^2 - \lambda^2_0}$. He referred to the work done in studying the dispersive power of complicated organic compounds for four wave-lengths, forty compounds being investigated, in which it was found that the dispersion ratio of the F line is constant for all homologous bodies, from which it may be deduced that if the rotatory power is a function of wave-length, it is constant for that series; and the question arose: What was the nature of this function? Seven attempts had been made to discover the relation between rotation and wave-length, and all the known relationships in each series had been explored. The linear relation is not constant in all derivatives, although camphor, carvone, menthol, myrthenol, and pulegone exhibit linear relationships. The tartrates do not comply with the above-mentioned formula, which shows that they occupy a separate place; they give a more complex rotation than such complex bodies as camphor and its derivatives, etc., with two or three asymmetric carbon atoms, the presence of which makes for rotatory complexity. Dr. Lowry then showed samples of solid ethyl tartrate for the first time in England.—Professor J. F. Thorpe then read a paper (by himself and C. K. Ingold), illustrated by numerous diagrams, on *The Formation and Stability of Spiro-compounds. Part II.: Bridged Spiro-compounds Derived from Cyclohexane.* This extremely interesting paper, described in the subsequent discussion as embodying "higher flights of chemical speculation," discussed the subject of the stress borne by carbon atoms, based on observations from the splitting up and point where the split occurs, of certain compounds. Professor Thorpe advanced a new conception—viz., that in a compound the stress is not borne solely by the carbon atom, but by the valency and the carbon atom. An interesting discussion followed, centred chiefly round the conception of the valency of an atom as an active participant in bearing the stress to which that atom is subjected in a compound, a conception which, as was emphasised in the discussion, attributes a new character to "valency," and adds fresh material to the consideration of the nature of the atom—a subject of considerable interest at present.

Births.

Evans.—At 1 Rockville, Tenby, on March 24, the wife of Captain W. Sandford Evans, Welsh Regiment (attached R.A.F.), of a son.

McLean.—At "St. Helier," Shrewsbury, on March 22, the wife of Hugh D. McLean, chemist and druggist (Boots, Ltd.), of a daughter.

Meakins.—At the Tower Pharmacy, Evesham, on March 20, the wife of J. J. Meakins, pharmacist, of a daughter.

Marriage.

Peake—Robinson.—At All Saints' Church, Newton-le-Willows, on March 19, by the Rev. J. H. Jordan, assisted by the Rev. J. M. Hewitt, Arthur P. Peake, Ph.C., eldest son of Mr. A. Peake, J.P., Earlestown, to Edith, only daughter of Mr. John Robinson, J.P., The Gables, Newton-le-Willows.

Deaths.

Aitken.—At Beaufort West, Cape Province, South Africa, on March 12, Mr. William Aitken, chemist and druggist, late of Cape Town. Mr. Aitken served his apprenticeship with H. C. Baildon & Son, chemists, Edinburgh, of which business his uncle, Mr. Robert Aitken, pharmacist, is the proprietor. After qualifying in 1895, he was for two and a-half years with John Bell & Co., Oxford Street, London, W., where Mr. Robert Aitken had preceded him in the 'eighties. In 1901, his experience having been meanwhile extended by two seasons at Hyères, Mr. Aitken went to South Africa as manager of the Wynberg branch of Lennon, Ltd., and in the following year he opened in business for himself in Long Street, Cape Town. The esteem in which he was held was manifested in his election, in 1916, as President of the Pharmaceutical Society of Cape Province. In 1917 he was compelled by illness to resign this office and to dispose of his business. He leaves a widow.

Mr. William Aitken.

Aston.—At "Riversdale," Worthing, on March 18, the beloved wife of Mr. Walter Aston, Ph.C., 27 Montague Street.

Baker.—At 190 Ditchling Road, Brighton, on March 20, Mr. Alfred Philip Baker, Ph.C., aged eighty-four. Mr. Baker, who was a native of Portsmouth, served his apprenticeship at Cosham with his brother, the late Mr. T. B. Baker, Ph.C. He passed the Major examination in 1859, and after a few years spent at Lewisham purchased a business at Westbourne Grove, London, W., which he carried on for forty years. He was a member of the London Western Pharmacists' Association in its early days, and was a life member of the Pharmaceutical Society of Great Britain. By way of relaxation, he adopted cycling—at a time when it was the hobby of the few. On retiring in 1907, he went to reside at Brighton. Mr. Baker leaves a widow, four sons, and two daughters. His third surviving son is Mr. C. H. Baker, Ph.C., Cosham, Secretary of the Hampshire Pharmacists' Association and of the Hampshire Pharmaceutical Committee.

Mr. A. P. Baker, Ph.C.

Biggs.—On March 10, after a few hours' illness, Mr. John Biggs, director of the North London Tinware Co., Ltd., 50 Crondall Street, Hoxton, N., aged eighty. Mr. Biggs was buried at Highgate Cemetery on March 15.

Blackbourn.—At 169 Eastbank Street, Southport, on March 21, Mr. William Blackbourn, chemist and druggist, aged fifty-one. Mr. Blackbourn carried on a successful business in Southport for many years, but relinquished it last summer on account of ill-health (*C. & D.*, 1918, p. 601). He was held in great esteem by his fellow-townsmen.

Bones. — At Waterkloof, Pretoria, Transvaal, on January 20, Mr. Arthur Anderson Bones, F.C.S., chemist and druggist (A. A. Bones & Co., Ltd., chemists, Pretoria). Mr. Bones qualified in London in 1890. He was at Guy's Hospital for some time prior to emigrating to Pretoria, where about twenty years ago he became associated with A. A. Bones & Co., Ltd. He had latterly become the sole proprietor of the company, and was one of the best-known pharmacists in the Transvaal. Nine years ago Mr. Bones was in England, and he had purposed repeating the visit this year. Last autumn he had a serious attack of influenza, which, complicated with asthma, undermined his health. Mr. Bones leaves a widow, two sons, and a married daughter. His eldest son, Lieutenant A. M. Bones, was killed in action on October 28, 1916; the elder of the surviving sons, now serving with the Royal Field Artillery, is the possessor of the Military Cross.

Booker.—At Boston, on March 25, Mr. Thomas Bar Joans Booker, chemist and druggist, aged eighty-two. Mr. Booker was the oldest pharmacist in Boston, where almost the whole of his life had been spent. He had three years' experience at Brighton on reaching his majority; after that he returned to Boston, and for fifty-eight years carried on business in the same shop in Main Ridge.

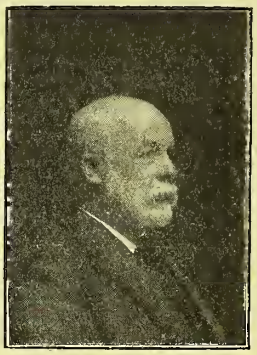
Chapman.—At a nursing home in Glasgow, on March 20, after a brief illness, Mr. James Chapman, chemist and druggist, Troon, Ayrshire. Mr. Chapman, who qualified in 1896, had been in business at Troon for several years. Mr. Chapman was a member of the South Ayrshire Pharmaceutical Association and of the local Insurance Committee. He leaves a widow and three children. The funeral took place on March 24.

Collier.—Recently, the wife of Mr. F. T. Collier, pharmacist, the Children's Hospital, Ladywood, Birmingham.

Davis.—At 37 Northbrook Street, Newbury, on March 11, Mr. Henry John Davis, chemist and druggist, aged sixty-six.

Evans.—At "Charlton," Pershore Road, King's Norton, Birmingham, on March 18, Mr. William Bevan Evans, chemist and druggist, aged eighty-two. Mr. Evans was registered as being in business before August 1, 1868. For many years he had a pharmacy in Moseley Road, Birmingham, where he was succeeded by Mr. Bland. His son, Mr. O. W. Evans, pharmacist, is in business at Bournville.

Gordon.—At Aberdeen, on March 22, suddenly, Mr. John Gordon, M.D. Dr. Gordon, who was a native of Keith, began his career as a pharmacist. After serving his apprenticeship in Aberdeen he was successively with the Glasgow Apothecaries' Co., and with Mr. James Mackenzie, chemist and druggist, Forrest Road, Edinburgh. He passed the Minor examination of the Pharmaceutical Society in 1872, and subsequently the Major. He was for some time in business in Aberdeen, and then, turning his attention to the study of medicine, graduated M.B., C.M. in 1884. Four years later he took his doctorate with highest honours. Dr. Gordon was at that time Assistant-Professor of Materia Medica at Aberdeen University—a post that he relinquished later owing to the claims of his private practice. While at the University he contributed some interesting observations to The Chemist and Druggist (II., 1899, p. 409) on the study of medicine by pharmacists. In addition to his work as a physician and as the holder of numerous public appointments, Dr. Gordon contributed papers on therapeutical subjects to the medical Press. He leaves a widow, one son, and two daughters.

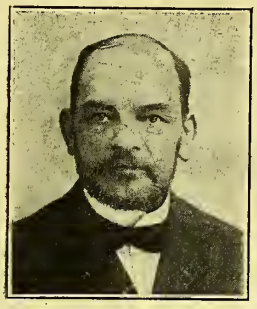


Mr. John Gordon, M.D.

Hargreaves.—At Birkdale, on March 17, Mr. Joseph Hargreaves, chemist and druggist, 14 Cooks Road, Great Crosby, Liverpool, aged seventy. After qualifying in 1871, Mr. Hargreaves spent the greater part of his life in Liverpool as an assistant. Ten years ago he opened on his own account at Great Crosby, where his sterling merit gained him many friends. His wife predeceased him by a few

days (*C. & D.*, March 15, p. 59), leaving no children. The funeral took place at Warrington on March 20.

Guest.—At his residence, 34 The Downs, Altrincham, on March 15, Mr. Thomas Guest, J.P., chairman and governing director of Thos. Guest & Co., Ltd., manufacturing chemists, Carruthers Street, Ancoats, Manchester, aged seventy-six. Mr. Guest opened in business in 1869 as a manufacturing confectioner. Early in 1870 a separate department for medicinal lozenges, etc., was set up, and this grew so steadily that eventually the manufacture of general confectionery was discontinued. The business was converted into a private limited company in 1915 (*C. & D.*, II., 1915, p. 207). Mr. Guest was for several years a member of the Manchester Board of Guardians and the Prestwich Board; he was also for upwards of twenty years associated with the Ancoats Hospital, and was for twenty-five years on the Board of Manchester Guardian Trade Protection Society. Among other interests in his life were the Mid-Cheshire Farmers' Association (of which he was for some time Chairman) and All Souls' School, Ancoats. He was appointed a Justice of the Peace in 1897. His only son, Major T. H. Guest, was killed in the Somme offensive in July 1916.



Mr. T. Guest, J.P.

Hegarty.—At Londonderry, Ireland, recently, of pneumonia following influenza, Mr. James Henry Hegarty, Ph.C., The Diamond. Mr. Hegarty, who qualified in 1894, carried on business in Londonderry for many years.

Hodgkinson.—At 24 Oldfield Road, Stoke Newington, London, N., on March 19, Mr. Richard Hodgkinson, aged seventy-one. Mr. Hodgkinson was, until he retired on a pension, with The British Drug Houses, Ltd., and before that with Hodgkinson, Stead & Treacher. He had been in the drug-trade for fifty years, and for half that time had travelled for his employers, so that he had a wide circle of friends in the trade.

Jones.—Recently, of pneumonia following influenza, Mr. John Edmund Jones, chemist and druggist, High Street, Mexborough, aged forty-seven. Mr. Jones, who was the son of a Swinton chemist, qualified in 1893, and subsequently went out to South Africa. He was managing a pharmacy in Mafeking when that town was besieged, and did useful work in the dual capacity of volunteer and pharmacist. A vivacious personal narrative of his experiences (in the course of some of which he narrowly escaped death) appeared in The Chemist and Druggist, II., 1900, p. 8. Mr. Jones was twice married; he leaves a widow and two daughters. The funeral was attended by representatives of the District Chemists' Association and by a detachment of the local company of Volunteers, in which Mr. Jones had been a non-commissioned officer.

Snelling.—At Norwich, on March 26, after a brief illness, Mr. William Oldfield Snelling, managing director of Coleman & Co., Ltd., Wincarnis Works, and of Snelling & Sons, Ltd.

Taylor.—At 224 Evering Road, Upper Clapton, London, N.E., on March 18, Mr. Charles Sansom Taylor (formerly a director of W. J. Bush & Co., Ltd.), aged sixty-eight.

Wheatley.—At Southport, on March 10, Mr. William Wheatley, aged sixty-two. Mr. Wheatley was formerly in business as a wholesale druggist at Huddersfield.

Died on Service.

Evans.—At the Empire Hospital, Vincent Square, London, S.W. 1, on March 24, of wounds received on August 8, 1918, Captain Edward Cassils Evans, 42nd Battalion, Royal Highlanders of Canada, aged twenty-three. Captain Evans was the eldest son of Mr. Alfred B. Evans, Montreal, who is Vice-President of the National Drug and Chemical Co. of Canada, Ltd., and a director of Evans Sons Lescher & Webb, Ltd. He was wounded on service on two occasions (*C. & D.*, 1916, p. 1059; 1918, p. 641). He underwent two operations in the autumn of last year, but these only served to retard the ultimate issue. Captain Evans left Canada for France in 1915.

Hatt.—Lieutenant H. E. Hatt, A.S.C., chemist and druggist, who disappeared from Tiverton, Devonshire, on January 29, was found drowned in the Exe on March 24. Lieutenant Hatt qualified in 1899, and until the outbreak of war was in business at Tiverton.

Personalities.

Mr. Robert Knowles, chemist and druggist, Morecambe, has been re-elected to the Lancaster Board of Guardians.

Mr. A. W. Hudson, chemist and druggist, Cranbrook, has been re-elected a member of the Cranbrook Parish Council.

Mr. R. H. Barker, chemist and druggist, Windermere, has been elected a member of the Windermere Urban Council.

Mr. J. J. Booth (Booth & Co., wholesale druggists, Idle, Bradford) has had a serious illness, but is reported to be improving.

Mr. F. A. Harding, chemist and druggist, Southsea, was on March 18 granted a decree nisi in the High Court, with costs and 150*l.* damages.

Mr. D. T. Evans, J.P., chemist and druggist, High Street, Margate, has resigned his seat on the Margate Town Council, on which he has served for many years.

Mr. A. E. Richards, who for several years represented Butler & Crispe in and around London, has rejoined their outdoor staff, having recently been released from Overseas service.

Mr. H. Meynell, chemist and druggist, Tenterden, has been presented with an inscribed silver salver by the Tenterden Tradesmen's Association, of which he has been Hon. Secretary for nine years.

Mr. A. R. Arrowsmith has returned to civil life on his release from the Royal Army Service Corps (M.T.), and has resumed his representation of the Apollinaris Co., Ltd., 4 Stratford Place, London, W. 1.

Mr. Percy Robinson, chemist and druggist, Orford Hill, Norwich, has been re-elected unopposed a member of the Norwich Board of Guardians. Mr. Robinson has for several years been Chairman of the Finance Committee of the Board.

Mr. W. J. Smith, formerly joint manager with Sterns, Ltd., has opened an office at 110 Cannon Street, London, E.C., as representative of James B. Berry's Sons Co., Inc., Oil City, Pa., oil refiners and produoers of all petroleum products.

The naturalisation certificate of Ludwig Freyberger has been cancelled because he "has shown himself by act and speech to be disloyal to his Majesty." Dr. Freyberger was born an Austrian, and had been engaged in London as a pathologist in *post-mortem* work. (See p. 53.)

Dr. H. H. Dale has been appointed a member of the Central Control Board (Liquor Traffic) in place of Sir Geo. Newman. Dr. Dale is a well-known pharmacologist, and has rendered servioes to the Board for the past two years on the Scientific Advisory Committee.

Sir Robert Morant and Mr. John Anderson, Chairman and Secretary respectively of the National Health Insurance Commission, have been appointed additional Secretaries to the Local Government Board, with special functions and responsibilities in relation to the organisation of the department dealing with health insurance. Sir Robert Morant, who was formerly at the Board of Education, has been Chairman of the Insurance Commission since 1912. Mr. Anderson joined the Commission in the same year.

Captain H. Finnemore, B.Sc., F.I.C., Ph.C., has resigned his appointment as chief pharmacist at Guy's Hospital and has joined the staff of Stafford Allen & Sons, Ltd., 7 Cowper Street, London, E.C. Early in tho war Captain Finnemore joined the Inns of Court O.T.C., and was subsequently promoted to a captaincy. A Bell Scholar in 1898, he passed the Major examination in 1900, and afterwards graduated at the University of London as B.Sc. He became a Fellow of the Institute of Chemistry in 1906. Captain Finnemore has been senior Hon. Secretary of the British Pharmaceutical Conference since 1912.

Mr. David Grieve, Ph.C., has just passed the first professional examination for the M.B., Ch.B. degrees of Edinburgh University, and has been awarded the Robert Wilson Memorial medal in silver and 10*l.* as the student taking the highest marks in the medical chemistry class of the University. After an apprenticeship with Mr. George Philip, chemist, Dunfermline, Mr. Grieve came to Edinburgh and gained the Fairchild Prize for Scotland in 1911. He studied at the Central School of Pharmacy, passing the Minor in 1912 and the Major in 1914. He was Secretary of the Edinburgh Chemists', Assistants', and Apprentices' Association in 1913, and Vice-President in 1914.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(From "The Trade-marks Journal," March 5, 1919.)

"GRACO"; for goods (1). By Grace Bros. & Co., Ltd., 144 Leadenhall Street, E.C. 3. 385,931. (Associated.)

"LANASOL"; for coal-tar colours (1) and for colours (4). By Society of Chemical Industry in Basle, 141-227, Klybeckstrasse, Basle. 387,104/5. (Associated.)

"SANDORA"; for all goods (2 and 3). By The Celesta Manufacturing Co., Ltd., 3 & 4 Lothbury, London, E.C. 2. 386,078/9. (Associated.)

"FLUTOL"; for chemicals (2). By W. A. Wayland & Co., Ltd., U.K. Works, Gosterwood Street, Deptford, S.E. 8. 387,548.

"ROVEEN BRAND AN OINTMENT"; for an ointment (3) By Milly E. Bright, 2 Nottingham Place, North Finchley, N. 12. 382,683.

"TUBUNIC BRAND AMPOULE-SYRINGE" and device. "TUBUNIC BRAND AMPOULE-SYRINGE"; for hypodermic ampoule-syringes (3 and 11). By The Hoffmann-La Roche Chemical Works, Ltd., 7 & 8 Idol Lane, London, E.C. 3. 386,429/30/31/32. (Associated.)

Device including sun, letters "W.B." etc., and white band ("W.B.'" disclaimed); for chemicals (3) and for perfumery, etc. (48). By White Band Manufacturing Co., Ltd., 121 Selsdon Road, South Croydon. 386,408/9. (Associated.)

"NUTROMALT BRAND A DIGESTIVE FOR INFANTS"; for an infants' digestive (3). By A. Wander, Ltd., 45 Cowcross Street, London, E.C. 1. 386,790.

"ANDROGRAPH"; for scientific instruments, etc. (8). By The Andrograph Sales Agency, Ltd., 46 Gerrard Street, London, W.1. 387,628.

"DAME MARJORIE"; for goods (11 and 40). By A. Berton, Ltd., 15-17 Worship Street, London, E.C. 2. 386,540/542. (Associated.)

"RODACE" and "RODACE" with device of triangle and circle and letters "I R C"; for surgical instruments, etc. (11). By The Isleworth Rubber Co., Ltd., Worple Road, Isleworth, Middlesex. 387,077/079. (Associated.)

"RAM-TAM" for all goods (42). By Utility Stock Foods, Ltd., 1 Parker Lane, Burnley, Lancs. 386,365.

"TARANTELLE"; for perfumery, etc. (48). By J. Grossmith & Son, 29 Newgate Street, London, E.C. 1. 387,565

"PURAX"; for polishes (50). By Luminal Polish Co., 11 Upper Duke Street, Liverpool. 386,995.

(From "The Trade-marks Journal," March 12, 1919.)

"ARBOSOL"; for a wood preserving preparation (1). By Major & Co., Ltd., 447 Wincolmlee, Hull. 387,409. (Associated.)

"WALMATO"; for chemicals (1). By A. R. Walbrook, The Homestead, Welcomes Road, Kenley, Surrey. 387,689.

"HYPNUM"; for chemicals (2). By The Molassine Co., Ltd., Tunnel Avenue, East Greenwich, S.E. 387,618.

"PEREDIXO"; for medicinal chemicals (3), and for perfumery, etc. (48). By United Chemists' Association, Ltd., Priory Court, London Road, Cheltenham. 387,117/8. (Associated.)

"FENEALA"; for all goods (3). By T. H. Fenwick, 37 High Street, Blue Town, Sheerness. 387,540. (Associated.)

Device including surgical needles and letters "G M R"; for surgical needles (11). By G. Moore, Red Lion Street, Redditch. 386,049.

"QUACK QUACK"; for all goods (47). By A. Davies, 25 Ratcliff's Buildings, Moorfields, Liverpool. 387,004.

"TWINKO", under device of pair of hands supporting figure pouring out "Twinko"; for goods (47) and for perfumery, etc. (48). By Vinolia Co., Ltd., 37-38 Upper Thames Street. E.C. 4. 387,166/7. (Associated.)

"MITCHAM LAVENDER WATER," etc., with floral and seal devices (Seal device disclaimed); for lavender water (48). By W. J. Bush & Co. Ltd., 28 Ash Grove, Hackney, E. 8. 384,246.

"SEE-SAW" with picture of same; for perfumery, etc. (48). By G. W. Goodwin & Son, Ordsall Lane Soap Works, Manchester. 387,735.

"SYOLIA BRAND"; for perfumery, etc. (48). By A. S. Smyth, High Street, Rusthall, Tunbridge Wells. 387,780.

"BAKO"; for brushes (50). By J. Baker, 3 Chaucer Road, Herne Hill, S.E. 24. 387,520.

(From "The Trade-marks Journal," March 19, 1919.)

Device of two triangles and circle; for goods (1). By J. H. Fenner, 44 Filey Road, Scarborough. 385,325.

"MICROCID"; for all goods (1). By Wild & Sons, Foundry Street, Hanley, Staffs. 387,157.

"HAWLEDA"; for chemicals (1). By Hawley & Johnson, Ltd., Frog Island, Leicester. 387,162. (Associated.)

"SANKAT," "SANKAMEL," "SANKLOSS," "SANKAIN," "SANKARGEN," "SANKIRON," "SANKOWDER," "SANKASTEM," "SANKVARN"; for chemicals (1). By J. H. Sankey & Son, Ltd., Essex Wharf, Canning Town, E. 16. 387,755/763. (Associated.)

"SANOFECT"; for chemicals (2). "SANOPLAST"; for medicinal chemicals (3). By Cuxson, Gerrard & Co., Ltd., 26 Fountain Lane, Oldbury. 387,423/426.

"PUCK"; for all goods (2). By R. A. Burrows, Garthmere, Atherton, near Manchester. 387,583.

"TRUQUAL"; for all goods (3). By Truqual Chemists Pure Supplies Association, Ltd., 16-22 Rodney Street, Wigan. 387,135. (Associated.)

Trade Notes.

TABLET-MAKING.—The Cooper Laboratory, Watford, are making other tablets than saccharin. Aspirin, phenacetin, and soda-mint tablets are special lines.

THE "KING" TOOTH-BRUSH is one of the registered designs for tooth-brushes made by Robert Addis & Son, London Brush Works, London Fields, London, E. 8.

GESTIVO FOOD.—Maurice Smith & Co., Ltd., manufacturing chemists, Kidderminster, illustrate in their advertisement the cut-out showcard which is being supplied to customers for Gestivo food.

PRUDENTIAL ASSURANCE CO., LTD.—A summary of the report presented at the annual meeting on March 6 is given in our advertising pages. It is an astonishing record of progress during a very trying year.

THE ROLL OF HONOUR which was referred to in the report of the directors of Evans Sons Lescher & Webb, Ltd. (*C. & D.*, March 22, p. 54), is printed in full in this issue. It is a splendid record for a drug house.

THE APOLLINARIS CO., LTD., 4 Stratford Place, London, W. 1, inform us that they have received a consignment of Rubinat Water from Spain, and are now able to supply purchasers. Prices will be sent on application.

CASSO is the new name which the Casson Chemical Co., Ltd., 11 Craven Hill, London, W. 2, have adopted for Cito (*C. & D.*, March 8, p. 60), the last-named having been found to conflict with the product of another manufacturer. Particulars of Casso are given in an advertisement in this issue.

VETERINARY PREPARATIONS.—Mr. J. H. Richmond, veterinary chemist, George Street, Patricroft, gives particulars in this issue of the Lancashire veterinary remedies—condition and worm powder for horses, condition and distemper powder for dogs, and cleansing and fellon drink for cattle.

METAL SPECIALITIES.—In the course of an interesting chat with Mr. S. M. Pitt, of Napper & Davenport, 7-11 St. George's Place, Birmingham, we gathered that that firm has successfully transferred its war work *personnel* to the manufacture of small boxes and screw-caps in all metals, but especially in aluminium. The particular point in connection with the production of these boxes is that the manufacturers invite the trade to tell them exactly what they want. This is a reversal of the usual process of asking the buyer to purchase from samples submitted, and we think it is a method of doing business which will commend itself to most manufacturers and wholesalers connected with the drug, toilet, and allied trades. Mr. Pitt informed us that he is open to call and see anyone anywhere in the country in connection with the carrying out of ideas or designs that the purchaser may have in mind. He is also open to submit designs for consideration and to have dies made for a trade-mark device or lettering, so that the particular box or container may be the absolute property of the purchaser. He showed us a number of well-finished screw-caps in all sizes and styles, and a set of boxes, also in aluminium, for tooth powders, toilet powders, soap tablets, and articles of that description.

Information Department.

INFORMATION WANTED.

86/48. Panelled cough-mixture bottles, "Trident" trade-mark (makers or agents)
94/3. "African" hair-colouring No. A. & B.
81/12. "Athlo" pottery-ware
95/62. Uterine Catholicon (Graefenberg's)
96/24. "Mohur Gold Balm"
96/24. "Rabasa" bath salts
96/27. "Maltovac"

INFORMATION SUPPLIED.

"Antipon," 73/10
"Bonovin," 76/68
Castor oil (packed), 74/59
Dyard's citriodora, 67/62
Electro - massage apparatus, 51/11
Formaldehyde, 83/6
Guillies' elixir, 78/53
Holman's liver-pad, 79/36
Ichthosan, 68/64
Janet Moore's face-powder, 100/26
"Kraska" nail polish, 73/10
Lead arsenate, 25/45
"Mentholatum," 20/67
"Own name" toilet specialities, 88/60
"Prince Albert" cachous, 35/28
"Quick White," 31/2
"Radior" beauty specialties, 20/59
"Savora," 64/43
Sodium sulphide, 36/18
Turvey treatment for alcoholism, 207/34
"Ucal" remedies, 28/16
Vasogen ichthyol, 82/71
Wilkinson's sarsaparilla, 16/60
"Zambuk," 259/41

Observations and Reflections.

By Xrayser II.

Seven Weeks Hence,

according to our Charter, the Council election will be due. The seven members who retire this year are Messrs. Currie, Deakin, Gifford, Hagon, Parry, Skinner, and White, and never, perhaps, have seven more prominent members retired at once. Of six of them, at least, it may be said that they are, for good or evil, among the most active of our leaders. This is not of good omen for the cause of progress, for mere activity, whether for good or evil, has a compelling influence on unreflective minds, and they who advertise themselves most have a strong pull. But most of these men, whatever their value as administrators, are most certainly not reformers, and yet the demand and need of reform were never greater than now. I have received privately endorsements of my recent indictments of the Council's proceedings that have amazed me by the strength of feeling they exhibit. One correspondent, writing last week from a quarter in which one least expects to hear such sentiments, asks: "What is going to be the position of the Pharmaceutical Society if a different class of men don't get on the Council?" and adds: "It looks to me very like going to ruin." Well, what are we going to do? To return these seven in block? It is unthinkable. Better, with one exception, reject the lot. Mr. Skinner is sure of re-election, and any other—there may be one or two—who are willing to accept his leadership, or at least to act with him, may go back with him, but if we really have the cause of progress at heart we shall not waste our votes on any men, whatever their past services may have been, whose present attitude is one of obstruction and reaction. It is time our list of progressive candidates was out, that we may begin to work for them and to estimate our forces.

Mr. Skinner's Trumpet

gave forth a somewhat uncertain sound at Leeds, as the discussion which followed shows, and I cannot unreservedly follow him on some points. I believe, for instance, in the principle of the commercial tariff, and I do not believe in the possibility of making "the whole trade a closed craft," if, that is, the phrase means what I understand by it. But Mr. Skinner did not, as one of his critics seemed to think, fall between two stools; there is no real discrepancy between his "professionalism" and his trading instinct. The most valuable part of his address was his insistence on the value of dispensing, even when little of it is done. Hereby hangs a tale. Many years ago a member of my family bought an old-established business in a small market town, in which there were three other pharmacists, none of whom did any dispensing, or made any pretence of doing it. The business purchased resembled theirs in this, but the first thing the purchaser did was to set up a "dispensing department" of the usual type. His customers were amused, and some of them did not even know what the term "dispensing" meant. Twenty-five years afterwards his was the only pharmacy surviving in the town. The most formidable of his rivals had gone away discouraged, taking his stock with him: another had died, to be succeeded by a mere grocer; the third had sold his premises to another grocer and disposed of his drugs by auction, retiring under the wing of a wife with money. The dispensing department had justified itself, though I doubt whether, as a separate department, it ever paid.

The Sale of a Business to "Octopus and Co."

seems to have been regarded by some of the speakers at the Leeds meeting as a defection from principle, but it is rather hard to condemn such an action without knowing the circumstances. The case Mr. Skinner referred to is not the only one of the kind that has occurred. It is all very well for the armchair critic to balance the "collective" against the "individualistic" view of conduct, but skin for skin; all that a man hath will he give for his life; and the choice here may be between life and what from the business point of view is virtual death, or at any rate such a hopeless struggle as makes life not worth living. It is a desperate job to fight an octopus.

> Why, man, he doth bestride this narrow world
> Like a Colossus, and we petty men
> Creep under his huge legs, and peep about
> To find ourselves dishonourable graves—

the figure is changed, but the fate is the same. Most men, I fancy, really faced by such an alternative would let principle look after itself.

The Legal Habit of Splitting Straws

observable in Mr. Glyn-Jones's former practice at the Bar still clings to him as Secretary to the Pharmaceutical Society, and is unfortunately shown in a correspondence that has been submitted to me between him and a firm in the City of London. It will be remembered that in the leaflet on the prevention of influenza with which the City has been flooded by the municipal authorities the public were exhorted not to "waste money on drugs in the false hope of preventing infection." Mr. Glyn-Jones's attention having been called to this "most unmerited and uncalled-for slur on pharmacists in general," he replied that the injunction not to "waste" money on drugs needs no protest, since it is convertible into "a very good announcement in their own favour," though had it run "Do not 'spend' money on drugs," this would have been quite a different thing. Without going into the question of the policy of an official protest against this clause in the leaflet referred to, I may say that this very puerile quibble is unworthy of anybody in Mr. Glyn-Jones's position. The difference between "wasting" money and "spending it on false hopes" is simply *nil*, and Mr. Glyn-Jones's reply shows either a blindness of judgment on his part or a disposition to evade an inconvenient issue, or, perhaps, both.

You Asked on February 8

when we should be relieved of the degradation of having to use factitious syrups and glycerins in our Insurance dispensing. I say "*having* to use them" because we are still only allowed the price of these factitious articles whether we use them or the genuine ones, and it is out of the question that our panel dispensing should be done at such a loss as the use of the latter would involve. On glyc. acid. carbol., for instance, we should lose nearly twice what we are allowed for it, and on glyc. boracis 6*d*. per lb. more than the 1*s*. 2*d*. we are allowed. These miserable substitutes—glyc. boracis, W.E.F., contains neither glycerin nor borax!—are thus forced upon us. The difference in price between the real and the factitious syrups is not so great, but it is big enough to prohibit the use of the former. There can be no reason for the continuance of these anomalies except niggardliness in the treatment of panel patients, and it is abominable that we should be made accessories to such a fraud, for it is nothing less.

Ground Liquorice

is a drug, after all, if it be only on the ground so emphatically stated by the farrier in "Silas Marner," that "a fly is a fly if it's only a hoss fly," and Mr. Marshall Freeman was well advised not to rely, in his admirably argued defence, on such a disputable point. The prosecution was absurd in face of the fact that in many country businesses a hundredweight at least of this powder is sold for every pound of pulv. glycyrr. decort. I have never known any other used in veterinary preparations, nor have I ever, so far as I remember, heard pulv. glycyrr. dec. asked for as "ground liquorice."

The Linnean Society received its charter of incorporation on March 26, 1802.

Zeal without Knowledge.—Speaking in London on March 25, Lord Moulton said that when he was in Parliament he was much amused at a debate in which the Government was strongly attacked for lowering the flash-point of petroleum, because he knew that the only change that had been made was in the instrument of measurement.

"SANITAS"
NON-POISONOUS
DISINFECTANTS
FLUIDS, POWDER, SOAPS & APPLIANCES
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Editorial Articles.

A Costly Mistake.

A recent number of the "Florida Grower" has an illuminating article on the way Government officials furnish what should be authoritative advice when they have no practical knowledge of the subject in hand and do not take any trouble to obtain expert advice from men who have had practical experience, or scientific men who know all that science can teach upon the subject. Such officials are content to compile information from books, in apparent ignorance of the fact that those who write books are not necessarily possessed of a practical knowledge of the subject on which they pose as authorities. Practical men are as a rule too busy to write books. It seems that a big castor-oil seed crop was planted last year in Florida at the request of the Aircraft Production Bureau. About 106,000 acres were planted by 5,000 people under Government contracts; the seeds were to be relied upon by the Government for furnishing a supply of the oil for lubricating aeroplane motors, the peculiar viscosity of castor oil rendering it the best lubricating oil in use. The contractors were told by officers of the War Department that an average of 20-40 bushels per acre might be expected, but instead of the 2,000,000 bushels of seed the entire yield did not exceed 500,000 bushels, and probably even less. Many of the contractors have been ruined by the failure, and all without exception lose heavily. Mr. H. B. Walker, one of the contractors, states that 90 per cent. of the crop shortage and loss to contractors may fairly be attributed to inferior seed and to the use of unacclimated and unprolific varieties of castor-oil seeds furnished by the Government for the planting of the crop. Other contributing causes of the crop failure have been the misinformation and bad advice furnished by the War Department and the Department of Agriculture, also damage done by drought and flood. The contractors were told that the seed furnished would be the best varieties and of superior quality. It proved to be mixed seed of uncertain age brought from India for crushing purposes. Many better and more prolific varieties were already growing in Florida, but the Government advice was that the native seed was not desirable. The statement made by the responsible Government officers was: "Castor beans will grow on any dry soil in Florida and any soil may be expected to produce 20 bushels per acre." Army officers who inspected the crop required farmers to fertilise the land heavily and give expensive cultivation. In many cases the yield did not pay for the fertiliser. A bulletin issued by the Department of Agriculture stated that castor beans had no known insect or disease enemies, whilst as a matter of fact army worms devastated thousands of acres, and other thousands of acres were ruined by a single fungal disease supposed to have been brought into the United States with the Indian seed. Thousands of acres of seed failed to germinate because planters followed Government advice to soak the seed in hot water and various other recommendations concerning planting and culture. Mr. Walker maintains that the liberal principles that have been applied to other Government contracts should be applied to the growth of castor-oil seed, and that where losses on the part of contractors and growers have been incurred through following the advice and direction of the Government the losses should be made good by the Government, with a fair allowance for personal services or profits. The whole system of selection of Civil servants seems to need careful revision. At present scientific appointments are filled with young men at too early an age, when they cannot possibly have obtained a really useful practical knowledge of the subjects on which the public require help, whilst those who have made a special study and are well informed on those subjects and could give useful advice are not consulted. The qualities needed in Civil servants are rather those of powers of organisation and good judgment of character and speedy recognition of the right man for

country should be in Government employ, but its recognition should be on merit alone. In this particular case it is evident that those who had already grown the castor-oil plant in Florida would be competent to find out which varieties of the plant (and seedsmen list about twenty-five varieties or more) were most suitable to the soil and climate. Seeds taken from a hot to a cooler climate never give such good results as seed taken from a cool climate to a warmer one; also, some varieties of plants are greater seed or fruit bearers than others. The American Bureau of Agriculture should know this, since numerous experiments have been made with soya and other beans which have varieties that require different temperatures and different soils. Although we have given an example from the United States it would not be difficult to find similar instances of official ignorance nearer home.

The Etymology of "Chemist."

The issue of "Nature" for March 20 contains the following comment on the article which we published (March 8, p. 63) regarding the confusion that exists in the minds of certain people as to what a chemist is.

Our contemporary, The Chemist and Druggist, for March 8, is dissatisfied with the attempt made in our article on "The Profession of Chemistry" (February 27) to differentiate chemist and pharmacist. Exception is taken to "the desire to monopolise for professional chemists the title which, first of all, indicates the seller of poisons and dispenser of medicines. It is as unreasonable to claim the monopoly of the word 'chemist' for a small class of persons as it would be to restrict the title 'engineer' to those who build a bridge or the word 'doctor' to those men who hold a medical degree." Unreasonable or not, it has to be done, sooner or later, in the interest of the public, not of "a small class of persons." English is a strange language; the meanings of words are often curiously varied in course of time, and whilst rich in many ways, in others it is remarkably deficient. Etymologically, "apothecary" is the keeper of a shop, a "pharmacist" or "pharmaceutist" one who has to do with medicines; the meaning of "druggist" is clear to everyone; "chemist" has no original meaning Having the choice of three terms with definite, well-understood connotations, the sellers of drugs and poisons may surely be satisfied; they may well agree to relinquish the vague fourth term to those who are chemists in fact. "Doctor" is the equivalent of "Dozent" and well known to be a courtesy title like "esquire," no more descriptive as applied to medical practitioners, though a volume might be written on its history and the strange and careless way in which a specialised meaning has been attached to it, whilst "esquire" has lost its original value. The medical man, it may be said, who is neither a physician nor a surgeon is even worse off than the chemist, having no name which is distinctive of his status.

This seems to us a singularly feeble reply to our article. It does not (for the best of reasons, no doubt) combat the assertion that it would be unreasonable to restrict the use of the title "chemist" to such a small class of persons as the "professional" chemists form, but it declares that, "unreasonable or not," this must be done, "in the interest of the public." How the public would benefit by robbing us of the title by which we have been chiefly known for centuries is not explained. The fact, of course, is that the public would suffer as much as we, and we have here an additional reason, if one is required, for not relinquishing the title. But "Nature's" argument from philology is the most startling, and shows our contemporary to be on this point as uninformed as it is indifferent to reason. The English language, it seems, is a strange one, in that its words change their meaning with the lapse of time—as if the words of every language that is really alive did not similarly change theirs. The word "apothecary," for instance, which "Nature" appears to think meant nothing but "storekeeper" when it first appeared in English, was used in its modern sense both in France and Germany many years before we are known to have adopted it, and "pharmaceutist," in Greek, had more meanings than it has now in English. But "Nature's" most unfortunate remark is that "chemist" has "no original meaning." If this were true it would be sufficient to reply that we who have given it a meaning have the best right to it, but it is not true. Words do not come into use without having some signification attached to them. The origin of the word has, it is true, been a matter of dispute, but it is now held by the best authorities to be found in the Greek *chymeia*, from *chymos*, juice, sap, and to have been first applied to pharmaceutical chemistry, which was chiefly concerned with the juices or infusions of plants. This is Mahn's theory, and it was apparently accepted by Sir James Murray, and without question by Skeat. It is certain, at any rate, that from its first introduction into English, whether as "chymist" or "chemist," it has been applied to persons dealing in medicines. The earliest quotation for it in the "Oxford English Dictionary" is from Bulleyn's "Book of Simples" (1562)—"The Chymistes or Distillers of Waters"—and a few years afterwards it became a distinctive title of physicians who followed the method of Paracelsus. It has, of course, had other uses, and if the Institute of Chemistry succeeds in robbing us of it there is a possibility that it will acquire an entirely new meaning yet: it may be used to designate a peculiarly impudent variety of the genus thief.

The Cultivation of Datura Stramonium.

The demand for stramonium leaves for proprietary remedies for asthma is quite a large one. One firm alone utilises two tons a month for this purpose, but they purchase foreign leaves. Leaves can be purchased more cheaply where the plant grows wild or is naturalised, as in South and East Africa, but in this case the freight has to be added. The South of Europe furnishes a quantity, but owing to careless collection and neglect of botanical characters the South European product is often mixed with other leaves of no value, which are sometimes entirely substituted for it, especially species of xanthium, which has spicy though smaller fruits. The "American Journal of Pharmacy" (January 1919) directs attention to the fact that if the stems could be utilised, the cost of labour in harvesting a crop of stramonium would be only one-fourth or one-fifth of what it is, where the leaves alone are gathered, since machinery for the purpose could be employed. Dr. G. B. Koch, of the Biological Laboratories of the H. K. Mulford Co., Philadelphia, has been making careful experiments on the relative value of the stem and root of this plant, and has arrived at the following conclusions:—

1. The whole plant, either with or without the root, can be harvested and used for the commercial preparations without fear of the total alkaloid content falling below 0.25 per cent., which is the desired standard of the U.S.P.
2. The total mydriatic alkaloids of the leaf and secondary stems when analysed individually, or the leaves with 10 per cent. of the secondary stems, run much higher than the U.S.P. requirement.
3. Of the whole plant, including stem, root and leaf, the leaf represents about 41 per cent.
4. Excluding the root, the ratio of the leaf to the stem is about 47.5 to 52.3 per cent.
5. As regards the percentage of moisture to be driven off, the data are as follows: Leaves, 80 to 85 per cent.; secondary stems, 85 to 87 per cent.; primary stems, 85 to 87 per cent.; roots, 78 to 82 per cent.

Similar experiments are being undertaken by Dr. G. B. Koch with regard to belladonna and henbane. As a matter of fact the leaves of belladonna have been dried in this country in considerable quantities, together with the upper or secondary stems, for the extraction of alkaloids and other extra-pharmacopœial purposes. As the smaller or upper leaves are usually richer in alkaloids than the lower there would be an advantage in drying the leaves on the stems, as the drying can be more easily effected in this manner, and the labour of picking the leaves is lessened. Indeed, where the leaves have to be dried in very large quantities the presence of the stems, or, at all events, of the upper half of the plant, is of advantage by permitting the more free circulation of air. In the case of stramonium the presence of the

smaller stems would be of no consequence for smoking purposes, when the drug is used in coarse powder in the cigarettes, and anything that will lower the price of the home-grown article to meet the competition of more luxuriant growth in warmer countries, becomes of importance. It is doubtful, however, if the same value could be attached to the stout fruit-covered branches of the henbane plant. The only use of the stem would probably be for the preparation of alkaloid. The leaves, both in *Hyoscyamus niger* and *H. muticus*, soon perish when the plant begins to fruit, and the only way to develop the leaf, which in the imported *H. muticus* appears to be richest in alkaloid, is to cut off the flowering branches so fast as they are formed, but the cost of labour in doing this would discount the advantage thus obtained.

Lemon Vitamines.

A suggestion is made in "The Lancet" that manufacturers of citric acid should devise some simple means of recovering the vitamine from lemon juice in a convenient form for transport and administration. It has been shown that the antiscorbutic properties of lemon juice are in no way connected with the citric or other acids present, and that the accessory factor can readily be separated from these acids for special dietetic purposes.

A Whitley Council for the Drug-trade.

It looks as though, in spite of their reluctance to move in the matter, the Pharmaceutical Society will be compelled to consider the formation of a Whitley Council for the whole drug-trade. The policy up to now has been that the Pharmaceutical Society is all-sufficing, but this complacent attitude received a rude awakening last week when the Ministry of Labour told a meeting of representatives of the distributive trade that it was intended to have representative bodies which could speak on behalf of the whole of the trade they profess to represent. The result is that a hastily convened meeting of the Pharmaceutical Council has been considering the matter, and what was impossible a few weeks ago may now become possible. It is somewhat curious that the Pharmaceutical Society scarcely ever takes a step in progress on its own accord—it always has to be pushed to overcome the "stickiness" about which Dr. Addison warned the members last October.

Claims against Railway Companies.

We have received a letter from a subscriber with reference to the course which a consignee of goods should adopt in order to safeguard his right to take proceedings against a railway company to recover compensation for goods lost or damaged in transit. Our correspondent remarks that he has seen it stated that the consignee can safeguard himself by signing for the goods "Not examined," but expresses it as his own view that this is equivalent to a clean signature, and that the consignee can only reserve a right to make a claim against the company if he adds to his signature such words as "Damaged," or "Three bottles short," indicating in what respects the delivery signed for is faulty. While we are in agreement with our correspondent that the words "Not examined" do not possess the virtue commonly assigned to them, yet we consider that their adoption is desirable in certain circumstances. Obviously it is advisable for a consignee of goods to examine them, if possible, upon delivery, then, if any shortage or damage is disclosed, he can specify the fact when signing for the parcel, and immediately make his formal claim against the company. On the other hand, where, from the nature of the consignment, or other circumstances, it is impossible for an immediate examination to be made, the consignee should, we think, sign the delivery note "Not examined"; and at the earliest possible moment inspect the goods and notify the company of any breakages or deficiency. At common law a consignee is allowed a "reasonable" time within which to inspect goods delivered to him by a carrier before accepting them. It is a question of fact in each case what is a reasonable time for the inspection of goods, but so far as articles carried by railway companies are concerned it is the general practice to incorporate in the contract a condition to the effect that claims against the company must be made within a specified time—for example, three days. Whilst admitting, therefore, that the addition to a signature of the words "Not examined" may, as a general rule, have little or no legal efficacy in strengthening a consignee's case in the event of his taking legal proceedings to enforce a claim against a railway company, yet we consider that the use of these qualifying words is justified on certain grounds, for example: It serves to notify the company that an examination of the goods was not made at the time of delivery, and is corroborative evidence of this fact in the event of the testimony of the consignee and the railway company's carman being in conflict upon the point.

The Crimes of Germany.

The War Guilt Commission of the Peace Conference has compiled the following list of crimes committed by Germany during the war:

1. The massacre of civilians.
2. Putting hostages to death.
3. Torture of civilians.
4. Starvation of civilians.
5. Rape.
6. Abduction of girls and women for purposes of enforced prostitution.
7. Deportation of civilians.
8. Internment of civilians under brutal conditions.
9. Putting civilians to forced labour in connection with military operations of the enemy.
10. Usurpation of sovereignty during military occupation.
11. Compulsory enlistment of soldiers among inhabitants of occupied territory.
12. Pillage.
13. Confiscation of property.
14. Exaction of illegitimate or exorbitant contributions and requisitions.
15. Debasement of currency and issue of spurious currency.
16. Imposition of collective penalties.
17. Wanton devastation and destruction of property.
18. Bombardment of undefended places.
19. Wanton destruction of religious, charitable, educational, and historical buildings and monuments.
20. Destruction of merchant ships and passenger vessels without examination and without warning.
21. Destruction of fishing-boats and of relief ships.
22. Bombardment of hospitals.
23. Attack on and destruction of hospital ships.
24. Broach of other rules relating to Red Cross.
25. Use of deleterious and asphyxiating gases.
26. Use of explosive and expanding bullets.
27. Directions to give no quarter.
28. Ill-treatment of prisoners of war.
29. Misuse of flags of truce.
30. Poisoning of wells.

These are all breaches of international law regarding warfare. The chemists of Germany urged the military authorities to use poisonous-gases in warfare, and the chemical factories willingly placed their knowledge at the service of the depraved military authorities. So far as the chemists and chemical manufacturers are concerned, their reward will be the contempt with which they will be regarded by all decent people for many years to come.

A Very Heavy Slump has taken place on the Berlin Bourse in the shares of all the aniline-dye works in Germany owing to the possibility of the Entente countries being emancipated from their dependence on Germany for dyes.

Japan's Opium.—The Japanese Government's Opium Bill provides, says Reuter, that opium may not be exported without the permission of the Minister for Home Affairs. The penalty is imprisonment not exceeding five years, and a heavy fine.

The Co-operative Society of Antwerp Pharmacists, founded in 1916 by twelve members, now counts twenty-nine pharmacists. During the past year its turnover amounted to over 14,000*l*., and it is able to pay a dividend of 10 per cent.

The Belgian Pharmacopœia, the last edition of which appeared in 1906, is entirely exhausted, and Belgian pharmacists are appealing to those having copies not in use to place these at their disposal. A request to this effect is now also being published in the Dutch professional papers.

Pharmaceutical Society of Great Britain.

Special Council-meeting.

Meetings of the Council were held on March 25 and 26 at 16 Bloomsbury Square, London, W.C., the President (Mr. W. L. Currie) in the chair. The members present were: Miss Buchanan, and Messrs. A. S. Campkin, J. H. Cuff, R. L. Gifford, T. Guthrie, F. G. Hines, A. H. Jenkin, J. Keall, A. R. Melhuish, E. T. Neathercoat (Vice-President), L. M. Parry, P. F. Rowsell, and H. Skinner. The following report of the proceedings has been supplied officially:

A Drug-trade Board.

The President reported that a Conference of those engaged in the distributive trades was called by the Ministry of Labour on March 20 at the Central Hall, Westminster, when Mr. G. J. Wardle, M.P., Parliamentary Secretary of the Ministry of Labour, took the chair on behalf of the Government. The meeting included representatives of seventeen different distributive trades and of forty-seven organisations representing the various branches of those trades and the employés. The Society had received a summons to the meeting and the Secretary and Mr. Mallinson attended. Mr. Wardle announced that the Ministry had come to the conclusion that one or more Trade Boards should be set up to cover the whole of the distributive trades. The official circular accompanying the notice to attend the meeting indicated, however, that the Ministry of Labour was of opinion that one Board to cover the whole would be advisable to avoid confusion. The subsequent discussion made it evident that no agreement could be arrived at by the Conference on the question of one or more Boards, because whilst there was powerful support for one combined Board, there was enough opposition in favour of sectional Boards to make the Chairman willingly accept a motion that a Committee of forty consisting of an equal number of employers and employed be set up to report upon the whole question. The meeting carried this proposal unanimously, with the proviso that it report by April 24 to another meeting of the whole of the representatives of the distributive trades. The appointment of the Committee was then proceeded with, and the Secretary was elected on behalf of the chemist employers. The Conference desired to fix the date of the first meeting of the Committee, but when it was ascertained that one or two members had left, the matter was placed in the hands of the Chairman, on the understanding that the Committee should be called together as soon as possible. A meeting of the Committee referred to seemed imminent, and he had therefore called the special meeting of the Council.

The following resolutions were passed:—

(1) That the inclusion of pharmacists and their assistants in a comprehensive Trade Board dealing with the whole of the distributive trades, wholesale and retail, is undesirable and quite unsuitable to the conditions obtaining in pharmacy.

(2) That the wages and conditions of employment in retail pharmacies are of a character rendering the application of the machinery of the Trade Boards Acts to retail pharmacy unnecessary and unsuitable.

(3) That the Council suggest the calling of a Conference of representatives of organisations of employers and employed in the drug-trade, wholesale and retail, to consider the advisability of forming an Industrial Council for the industry, and appoint the President (Mr. W. L. Currie), the Vice-President (Mr. E. T. Neathercoat), and Messrs. Campkin, Cuff, Gifford, Guthrie, Hagon, Hines, Keall, Parry, Rowsell, and Wolff to act as its representatives at such a Conference.

(4) That it be referred to the Local Associations Executive to consider whether the Society's organisation, including Local Associations, the Local Associations Executive, and the Conference of Local Associations, should not be utilised as the organisation to act for pharmacist employers in any Industrial Council or other national organisations for dealing with wages and conditions of employment in the retail drug-trade.

North British Branch.

A meeting of the Executive of the North British Branch was held at 36 York Place, Edinburgh, on March 18, Mr. William Giles in the chair. There were present: Messrs. Arthur, Cowie, W. L. Currie, Fisher, Giles, A. Gilmour, Glass, Guthrie, Jack, McKenzie, McMillan, Murray, Ramsay, and Thompson. There were also present from the Glasgow and West of Scotland Chemists' Association Messrs. Adam, Arthur, Guthrie, McEwan, Mackenzie, Murchie, and Trotter; and from the Edinburgh District Chemists' Trade Association Messrs. Brown, Dick, Duncan, Hall, Nightingale, Nisbet, and Tainsh.

Organisation.

The General Purposes Committee submitted a report on the private preliminary Conference which they had, in June 1918, been instructed to hold with representatives from the Glasgow and Edinburgh Associations on the improvement and development of local organisation in Scotland and also a proposal to convene district conferences or a general conference of Scottish pharmacists to consider how Scotland might be advantageously linked up with England and Wales on all questions of policy and organisation such as come up for consideration at the Conference of Local Associations in London. The Conference had been held on February 18, 1919, when a scheme drafted by a Committee of the Glasgow Association received detailed consideration. The meeting had been adjourned to resume the Conference a month later, it having meantime been arranged that the whole Executive should meet the representatives.

After a full discussion, Mr. Jack said that, while not in favour of the scheme of the Federation as submitted, because it took up far too many subjects and covered a great deal of the ground that belonged to the Pharmaceutical Society, he suggested for their favourable consideration an endeavour to set up a limited liability company on trade-union lines which would be registered under the Friendly Societies Acts. Such a union would have a definite fiscal policy which they could enforce by rules and regulations. A defect of the Federation scheme was that they would have no compulsory powers. He would strongly recommend them to tackle the trade side of the question and leave to the Pharmaceutical Society all other matters relating to education and examination and so on.

At this stage the representatives retired to confer and report.

On returning, Mr. Guthrie said the representatives had instructed him to say on their behalf that they were gratified by the turn which the Conference had taken, and particularly with the view submitted by Mr. Jack, which they had agreed offered a favourable basis for further consultation. He requested that the Executive should appoint a small Advisory Committee to confer further with the representatives of Glasgow and Edinburgh on details of a scheme on the lines indicated.

This was agreed to, the following being appointed members of the Committee: Messrs. Fisher, Forbes, Giles, Glass, Jack, and Thomson.

War Auxiliary Benevolent Fund.

It was reported that up to date a sum of about 1,000*l.* had been received for the above fund from 300 subscribers, indicating a satisfactory average of over three guineas each. The returns from such important districts as Aberdeen, Dundee, and Edinburgh have not yet come in.

Emergency Medicines.

The General Purposes Committee had also considered the question of the supply of urgent medicines out of business hours or during the night in connection with the influenza epidemic.

Education.

The Education Committee reported that they had considered the question of a division of the Qualifying examination which had been referred to the Board of Examiners for Scotland for a report. The Committee also reported that they had considered the question of continuation classes under the new Education (Scotland) Act, 1918. The President said the matter of a by-law to admit apothecaries' assistants to the Register of Chemists and Druggists had not yet reached a stage at which he could give detailed information, but before any such by-law could be proposed or adopted there would be ample opportunity for discussing it in all its aspects by the members of the Society.

Other Matters.

A letter from the Council was submitted, inviting the Executive to appoint six representatives, including the Chairman and Secretary, to attend the Conference of Local Associations in London on April 23 and 24, with a view to their putting forward proposals for the representation of Scottish pharmacists at future Conferences. The following were appointed: The Chairman and Resident Secretary, and Messrs. Arthur, Fisher, Glass, and McMillan.

Reference was also made to the action taken in regard to the Ministry of Health Bill.

Associations' Winter Session.

Birmingham.—On March 19, before the members and friends of the Birmingham Pharmaceutical Association, the President (Mr. H. O. Lloyd) in the chair, an address on *X-rays in the Service of Man* was given by Major J. Hall-Edwards, one of the pioneers of the science. Major Hall-Edwards exposed some of the fallacies published in the newspaper Press respecting *x*-ray new discoveries, and followed the progress of the science from its inception to the present time, giving illustrations of its usefulness and possibilities, not only in medicine and surgery, but also in dentistry and in the manufactures. He explained the apparatus in use, and showed the influence of exposure in procuring just the amount of detail necessary for the purpose in view, remarking that no known substance is impervious to the rays. The effect of barium and bismuth salts resulting from their comparative opacity to *x*-rays was shown, the lecturer remarking that for tracing in this way the course of the intestinal tract a dose of 6 oz. or 8 oz. of one of these salts is given with impunity. The lecture was illustrated by lantern slides lent by Southall Bros. & Barclay, Ltd.

Ealing.—A successful whist-drive was held by the Ealing Pharmacists' Association at the Priory Club, Acton, on March 19. The players numbered upwards of 120, including visitors from other Associations. The prizes (offered by The British Drug Houses, Ltd., Messrs. Sangers, and members of the Association Executive) were presented by Mrs. McKee (the wife of the President), among the winners being Mrs. Norris (wife of the Vice-President) and Mr. A. G. Wrench, Chiswick.

Edinburgh.—A meeting of the Edinburgh Chemists' Trade Association was held at 36 York Place, on March 24, Mr. James Dick (President) in the chair. Mr. Rutherford Hill referred to the great loss the Association had sustained since last meeting through the death of Mr. C. A. MacPherson (*C. & D.*, March 22, p. 57), an original member and past-President of the Association and a member of the Committee at the time of his death. Messrs. A. Fraser, Bo'ness, J. H. Thomson, Edinburgh, and G. W. Brown, Leith, were elected members. The Treasurer (Mr. J. B. Mitchell) reported that the collection for the War Auxiliary Benevolent Fund was in course of being taken up, and, so far, he had secured subscriptions amounting to 100*l.* 14*s.* It was then agreed that members undertake to have the collection carried out in the various districts. In reply to a question, Mr. Rutherford Hill explained that while at the moment it was quite impossible to forecast either how many or how much would be the demands upon this Fund, they were clearly of opinion that ample use would be found for the whole sum which they might be able to gather in. The Secretary (Mr. W. W. Brown) reported a letter from the Edinburgh Town Clerk, intimating that the Early Closing Order under the Shops Act had been finally passed by the Town Council, so that in a few weeks it was likely to be in operation, when the compulsory closing hour for all chemists' shops in the city would be 7 o'clock on every night except Saturday, when the closing hour would be 8 o'clock. The Secretary also reported that he had received a communication from the Executive of the North British Branch referring to the service for supply of emergency medicines outside business hours and during the night. He also submitted a letter from Dr. G. Keppie Paterson, Secretary, Edinburgh and Leith Division of the British Medical Association, on the same subject. The Chairman said it would be a good thing to have a meeting with medical practitioners. In discussing the matter, the difficulties of protecting the chemists against abuse by the public of any service provided were emphasised, and it was felt that, not only in regard to this question of emergency medicines, but on many other points, a friendly conference with medical practitioners would do much good. The Secretary submitted correspondence from the Executive of the North British Branch with reference to the Ministry of Health Bill and the action which had resulted in securing that there should be a separate Ministry of Health Bill for Scotland and also explaining the reasons why a strong claim had been submitted for having a duly-qualified pharmacist appointed a member of the Board of Health for Scotland, and also that in the setting up of any consultative Council or Councils in Scotland, representatives of pharmacy should be included. In answer to Mr. Clark, Mr. Rutherford Hill explained what precisely were the health matters that would be undertaken by the Ministry of Health. Mr. Hall said a member of Parliament, who was particularly well informed, assured him that there was nothing in the Bill dealing with pharmacy or the dispensing of medicines. Mr. Rutherford Hill said that was a misapprehension. The whole work of the National Health Insurance would come within the Ministry of Health with all the developments under that heading, such as supplying medical attendance and medicines, not only for insured persons but for all dependants of insured persons. The Bill also gave exceedingly wide powers for the development of health matters by means of Orders in Council, and would lay down the lines affecting the practice of medicine and of pharmacy in any developments towards the nationalisation of these two professions. It was, therefore, most essential that they should try to secure adequate recognition of pharmacy, both on the Board of Health and on any consultative councils, and endeavour so to mould the scheme as to safeguard the interests of qualified pharmacists in any future developments. A deputation had waited upon the Lord Advocate for Scotland, who received them sympathetically and promised to put before the Secretary for Scotland the views which they had submitted on behalf of Scottish pharmacists. In the discussion which followed expression was given to the urgent need for thoroughly informing and educating their representatives in Parliament on the lines indicated.

Great Yarmouth.—A meeting of the Great Yarmouth Pharmaceutical Association was held on March 5, the President (Mr. J. S. Shearman) in the chair. It was decided that the Committee of the Association consider the agenda for the April Conference meeting, and report. Mr. A. E. Richmond was appointed a delegate to the Conference.

Hampshire. A meeting of the Hampshire Pharmacists' Association was held on March 19, the President (Mr. Smith) in the chair. The Secretary reported that forty-four members had subscribed 56*l.* 5*s.* to the Belgian Doctors' and Pharmacists' Relief Fund. The report on the collection for the War Auxiliary Benevolent Fund showed that sixty-two subscriptions had been received, amounting to 220*l.* 17*s.* 6*d.* A sum of 217*l.* 15*s.* 6*d.* had been forwarded to headquarters, the balance remaining in the hands of the Secretary. A letter of congratulation was read from Mr. Bilson (*C. & D.*, 1918, p. 1026). It was resolved that the War Auxiliary Benevolent Fund should only be expended on men who have served in the Forces, and who were in 1914 either *bona-fide* apprentices or assistants, or pharmacists whose businesses have been affected by the war. In the discussion of the draft report of the Local Associations Executive Committee general dissatisfaction was expressed that sufficient time was not given the Associations to consider it, and it was resolved that the delegates to the Conference should recommend that all resolutions for the Conference should be in the hands of the Local Associations Executive Committee not later than January 1 of each year, and that the agenda for the Conference should be in the hands of Secretaries of local Associations not later than March 1.

Harrogate.—The members of the Harrogate Pharmaceutical Association, with their wives and friends, assembled for dinner on March 13, under the presidency of Mr. J. W. Harper. A dramatic and humorous recital followed. This was the first social event held by the Association since the outbreak of war. During the evening a collection on behalf of the War Auxiliary Benevolent Fund realised upwards of 40*l.*

Irish C.A.A.—The Cork branch of the Irish Chemists' Assistants' Association met on March 16, Mr. V. O'Sullivan (Chairman) presiding. The majority of the members present reported that they had received no intimation from their employers whether the demand presented by the Association on January 28 (*C. & D.*, February 1, p. 44) was to be granted. It was decided that, before resorting to any drastic action, the Chairman, with some other members of the Committee, should approach Rev. Father Thomas to call upon the employers and ask for a settlement.—Subsequently, at a meeting of the Chemists' branch of the Cork Employers' Association, Father Thomas stated, in reply to a suggestion that the full demand of the assistants be paid from March 1, that the demand was to date from January 1. But, if the masters would agree, he would ask the assistants to accept the increased wage from February 1. The meeting agreed to this. On March 21 Mr. V. O'Sullivan and Mr. Owens, on behalf of the assistants, saw Mr. O'Riordan, Secretary of the Employers' meeting, and said that the Chemists' Assistants' Association was prepared to act upon Father Thomas's suggestion and accept payment from February 1. Mr. O'Riordan informed the deputation that they could tell their members that all overtime and back money due to them under this agreement would be paid to the assistants when they presented their dockets.

London Co.—A meeting of the London County Pharmaceutical Association was held on March 18, the Vice-President (Mr. G. B. Barnard) in the chair. In connection with

the annual meeting of the Early Closing Association, the Committee appointed the President (Mr. J. Keall) and the Secretary (Mr. G. A. Tocher) to represent the London County Association. The arrangements suggested by the Organisation and Trade Sub-Committee for the exchange and disposal of stock which is infrequently sold were adopted. It was also agreed that the particulars should be communicated to members through District Associations. The question of the shortage of bottles was discussed, and, in order that immediate steps may be taken regarding the current price as well as the supply of bottles, the Executive Committee have moved in the matter with both the Local Associations Executive and the Pharmaceutical Society.

London (N.).—A meeting of the North London Pharmacists' Association was held on March 20 at the Progressive Pharmacy Club, the Vice-President (Mr. C. W. Andrew) in the chair. The Secretary was asked to write a letter of sympathy to the President (Mr. J. C. Carter) on the illness of his wife, and one of condolence to Mrs. Clayton on the death of her husband. Mr. Herbert Skinner addressed the meeting on *Three Years on the Council of the Pharmaceutical Society*. He pointed out that he found it was not so easy to get on a Committee which would exercise one's ability as most people imagined. It would seem only natural that one's aptitude was the only consideration for a particular job, but on that he was soon disillusioned. He had to wait eighteen months before he could get on a special Committee. He was now, after three years, on two special Committees as the sum total of his efforts at usefulness. On the Army and Navy Service he found, by his notes, that from June 1916 to June 1917 he had pressed the matter three times, but it was not until Mr. Hines came on the Council that anything was done. He instanced the cases of sugar, glycerin, venereal diseases, public clinics, and rural areas as some evidence of his persistency for months before any result was achieved. In microbiology he had managed to get a move on, but it was not in a satisfactory state yet, and served very little purpose but general knowledge. In June 1916 he moved a resolution on grouping areas for organisation, and was defeated, but he was pleased to say that at the close of his term of office the principle was accepted for the next conference. His motions on disablement, reinstatement, and deferred education had led to the establishment of the War Auxiliary Benevolent Fund. Finally he succeeded in inducing the Council to consider the position of the relations of Committees and Council. He then proceeded to outline a policy for future action, which included the following: To establish an Education and Scientific Committee, with definite duties; to develop a real controlling Committee for the Council between Councils; to reconstruct the Local Associations Executive on such lines that it could be converted into the retail portion of a Joint Industrial Council for the Drug Trade; and a settlement of the Apothecaries' Hall question. Messrs. Greatrex, Weiss, Jenkin, Humphrey, Todd, Hearle, Lloyd, and the Chairman discussed the topics, and a resolution of confidence in Mr. Skinner, embodying a pledge to do their utmost to secure his re-election, was carried.

Nottingham.—At a meeting of the Nottingham Pharmacists' Association, held on March 19, Mr. H. E. Beilby in the chair, an address on *Window Dressing* was given by Mr. C. E. Marfitt, Leicester. The speaker pointed out that the window is the pharmacist's most valuable advertising asset. He indicated what rendered windows ineffective, and in advocating the use of advertising-cards and price-tickets showed how success depended on well-considered and artistic arrangement. Photographs of window-displays were exhibited and a discussion followed.

Women Pharmacists.—A meeting was held by the Association of Women Pharmacists on March 18 at Dr. Williams' Library, Gordon Square, London, W.C., the President (Miss Gilliatt) in the chair. Mr. Hugo Wolff gave an address on *The Proprietary Articles Trades Association*. He emphasised the great advantage of such an Association from the points of view of the manufacturer, wholesaler, retailer, and the general public. Mr. McDonald then gave details of the early days of the P.A.T.A., and the difficulties and opposition with which it had to contend. A discussion followed.

Grenada Lime Juice.—The cultivation of limes is being further extended in Grenada, and it is reported that between forty and fifty estates and holdings are extending the cultivation. Only very small shipments of juice have so far been made from Grenada plantations. The main cultivation is confined at present to Carriacou, in which dependency a decrease in production occurred last year. During 1917 the exports of raw juice were 104,617 gallons and concentrated juice 5,650 gallons, against 150,525 gallons and 7,500 gallons respectively in 1916.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Birmingham.—At a meeting of the Pharmaceutical Committee, held on March 18, details of the 1918 drug account were reported as follows:

Total number of prescriptions, 949,857.
" " scripts, 828,494.
Total value of drugs, 10,418*l.* 19*s.* 3*d.*
" " dispensing-fees, 13,503*l.* 15*s.* 9*d.*

Three names had been added to the panel and four withdrawn. A draft letter to the Panel and Insurance Committees was approved, suggesting the withdrawal of the instructions relating to War Emergency Formulary preparations from May 1, with permission to continue their use for an additional month where stocks still remain, provided that, during the month of May, prescriptions dispensed from the W.E.F. are clearly marked by the chemist as having been so dispensed.

Hampshire.—A meeting of the Pharmaceutical Committee was held at Winchester on March 19, Mr. S. G. Bartlett presiding. The Chairman gave a report of the work of the Committee for the past year, and mentioned that as he was giving up business and leaving the county it would be necessary for him to resign his position as Chairman of the Committee, and also as representative on the Insurance Committee. Mr. Bartlett was thanked for his services, and Mr. E. H. Smith, President of the Hampshire Pharmacists' Association, was unanimously elected Chairman. Mr. Gare was nominated as the chemists' representative on the Insurance Committee. The report of the Central Checking Bureau for the month of August 1918 was adopted. It was decided, before the next meeting, to endeavour to get representatives from the northern area of the county to serve on the Pharmaceutical Committee. On the question of discontinuance of the War Emergency Formulary, it was resolved that the reinstatement of B.P. preparations should be postponed until June 30. It was decided that 1¼ per cent. should be deducted from the chemists' accounts for the expenses of the Committee.

London.—The London Insurance Committee met at the County Hall, Spring Gardens, on March 27, to consider, among other business, the reports of the various Sub-Committees. The Finance Sub-Committee recommended payment of accounts amounting to 78,075*l.* 16*s.* 10*d.* Among these were the following to chemists: For the medical year, 1918, 4,794*l.* 6*s.* 1*d.*; 1919, 9,391*l.* 14*s.* 6*d.* Drugs and appliances, included under "Revised Expenditure" for sanatorium benefit, amounted to 3,000*l.* The Medical Benefit Sub-Committee announced that two names had been added to the list of persons supplying drugs and appliances, and three withdrawn therefrom. It dismissed the appeal of a practitioner against a decision to surcharge him for what the Panel Committee considered was extravagant prescribing, and reported that on February 28 the panel of contractors supplying drugs and appliances numbered 2,174. Of these 1,327 were medical practitioners in general practice, ninety-eight in institutions, 688 chemists in general business, thirty-seven in institutions, and twenty-four other persons.

Middlesex.—At a meeting of the Pharmaceutical Committee, held on March 19, Mr. Herbert Skinner in the chair, the chief business under discussion was the Checking Supervisor's report, which included the following statistics:

	Scripts	Av. Cost	Prescriptions	Av. Cost
November ...	93,229	8·13*d.*	104,517	7·25*d.*
December ...	66,005	8·74*d.*	76,176	7·59*d.*
January ...	54,942	9·44*d.*	64,257	8·07*d.*

During the fourth quarter of 1918 there was a total of 279,280 prescriptions chargeable to the Medical Benefit Fund; the average cost per prescription was 7.23*d.*, the average dispensing-fee 3.37*d.*, and the average cost per insured person 5.99*d.* The total number of prescriptions for the year 1918 was 920,120, at an average cost of 7.06*d.*, with an average dispensing-fee of 3.34*d.*, showing a gross profit of 47⅔ per cent. The average cost per insured person for the year was 1*s.* 7½*d.* There were about 100,000 more scripts for the year 1918 than for the previous year, and the average cost increased from 7.03*d.* per script in 1917 to 8.10*d.* in 1918. Similarly, the average cost per prescription increased from 5.98*d.* in 1917 to 7.06*d.* in 1918, while the average dispensing-fee increased from 2.85*d.* in 1917 to 3.34*d.* in 1918; but the gross profit remained practically

unaltered. Finally, the cost per insured person increased from 1*s.* 2¾*d.* in 1917 to 1*s.* 7½*d.* in 1918, but an addition of approximately 12 per cent. would have been required to bring the payments to chemists up to the 1915 level. Chemists on the Middlesex panel should note that War Emergency Formulary preparations will not be recognised at the Pricing Office after April 30, unless specially ordered by the doctor.

March Drug Tariff.

The following are the alterations for March in the Drug Tariff issued by the National Health Insurance Commissioners for England and Wales:

Lower: Acetanilidum, 5½*d.* oz.; acid. acetylsal., 1*s.* 6*d.* oz.; acid. carbolic. (detached crystals), 2*s.* 4*d.* lb.; acid. carbolic. liq., 2*s.* 1*d.* lb.; acid. picric., 6*d.* oz.; acid. salicylic., 4*s.* 9*d.* lb.; acid. tartaric., 4*s.* 3*d.* lb.; ammon. benz. (artificial), 2*s.* 2*d.* oz.; ammon. brom., 4*s.* 9*d.* lb.; ammon. carb., 2*s.* 4*d.* lb.; amylum (maize), 9½*d.* lb.; anthem. flor. exot., 4*s.* 4*d.* lb.; caffein. cit., 3*s.* 4*d.* oz.; chloral hydras., 1*s.* 2*d.* oz.; cocain. hydrochlor., 10*s.* dr.; ext. casc. sagr. sicc., 1*s.* 1½*d.* oz.; ext. casc. sagr. liq., 4*s.* lb.; guaiacol carbonas, 6*s.* oz.; hexamina, 9½*d.* oz.; lin. camph., 4*s.* 4*d.* lb.; methyl salicylas, 7½*d.* oz.; ol. anisi, 6½*d.* oz.; ol. caryoph., 17*s.* 3*d.* lb.; ol. lini, 9*s.* gal.; ol. ricini, 1*s.* 6*d.* lb.; oxymel scillæ, 2*s.* 1*d.* lb.; paraff. dur., 1*s.* 4*d.* lb.; phenacetin, 1*s.* 7*d.* oz.; phenazon., 5*s.* 6*d.* oz.; phenolphthalein, 3*s.* 6*d.* oz.; pot. acet. (dry granules), 6*s.* 3*d.* lb.; pot. brom., 5*s.* lb.; pot. tart. acid., 4*s.* 3*d.* lb.; resorcinum, 3*s.* 8*d.* oz.; sodii benz., 1*s.* 11*d.* oz.; sodii brom., 4*s.* 3*d.* lb.; sodii salicylas (cryst.), 7*s.* lb.; syr. chloral, 4*s.* 9*d.* lb.; tr. benzoini co., 8*s.* 6*d.* lb.; zinci sulphocarb., 5*s.* 6*d.* lb. Oiled paper, 1.50*d.* per sheet.

Higher: Acid. sulph. aromat., 6*s.* 6*d.* lb.; æther, B.P. 0.720, 4*s.* 4*d.* lb.; aq. cinnam. (ex conc.), 10*s.* 6*d.* lb.; camphora (flowers), 10*s.* lb.; creosotum, 1*s.* 8*d.* oz.; dec. aloes co., 2*s.* lb.; dec. cinchon. rub. (ex conc.), 5*s.* 8*d.* lb.; emul. petrolei c. hypoph., B.P.C., 2*s.* 10*d.* lb.; ext. cinchonæ liq., 10*s.* 6*d.* lb.; ext. ergot. liq., 14*s.* 10*d.* lb.; ext. malti, 1*s.* 1*d.* lb.; ferri et pot. tart., 6*s.* 8*d.* lb.; hydrarg. oxid. flav., 9*s.* 9*d.* lb.; hydrarg. perchlor., 8*s.* 10*d.* lb.; hydrarg. subchlor., 10*s.* lb.; inf. caryoph. (ex conc.), 3*s.* lb.; inf. cinch. acid. (ex conc.), 6*s.* 2*d.* lb.; inf. rhei (ex conc.), 4*s.* lb.; lin. camph. am. meth., 3*s.* 10*d.* lb.; liq. gutta percha, B.P.C., 11*s.* 4*d.* lb.; liq. strych. hydrochlor., 4*s.* 3*d.* lb.; ol. croton., 1*s.* 1*d.* oz.; ol. menth. pip. (redistilled), 46*s.* 6*d.* lb.; pot. permang., 11*s.* lb.; pulv. rhei co., 5*s.* 6*d.* lb.; rhei rhizoma pulv., E.I., 5*s.* 9*d.* lb.; sodii chlor., 11*d.* lb.; sodii phosph. eff., 4*s.* 9*d.* lb.; succ. scoparii, 3*s.* 6*d.* lb.; sulphur præcip., 1*s.* 6*d.* lb.; syr. glycerophosph. co., B.P.C., 3*s.* 2*d.* lb.; tr. capsici, 5*s.* 3*d.* lb.; tr. cinchon. co., 7*s.* lb.; tr. guaiaci ammon., 11*s.* 10*d.* lb.; tragacanth. pulv., 15*s.* 3*d.* lb.; ung. hyd. oxid. flav., 2*s.* 10*d.* lb.; ung. iodoformi, 7*s.* lb.; ung. paraffin. flav., 1*s.* 9*d.* lb.; vinum antimoniale, 4*s.* 9*d.* lb.; vinum colchici, 7*s.* 8*d.* lb.; vinum ipecac., 5*s.* 3*d.* lb.

Relaxation of Export and Import Prohibitions.

The following alterations in the existing prohibitions of export have been made by the Board of Trade since our last published list (*C. & D.*, March 22, p. 53):

Headings Altered.

Delete.	*Substitute.*
(A) Bitumen, liquid or solid, and articles containing bitumen.	(A) Bitumen. (C) Articles containing bitumen not otherwise prohibited.
(A) Oils and fats, edible, including blends of two or more edible oils and fats.	(A) Oils and fats, edible, including blends of two or more edible oils and fats, except the following (which are on list "C"): Hempseed oil, kapok-seed oil, maize oil, mowrah-seed oil, niger-seed oil, olive oil, poppy-seed oil, rape-seed oil, shea butter, sunflower oil.

Trade with North Russia, Archangel and Murmansk.

As a first step towards the resumption of private trade with North Russia, it has been arranged that licences will be granted as freely as home requirements permit, for the export to Archangel and Murmansk of starch, varnish, account books (ruled for decimal coinage), paints, common soap, palm oil, caustic soda and silicates, kerosene, spectacles, lenses, photographic appliances and chemicals, gum, and dental requisites. Application for export licences should be made to the War Trade Department, 4 Central Buildings, Westminster, S.W. 1. Application for permission to export goods other than those specified above will also receive consideration by the War Trade Department. Goods must be consigned to the British Supply Mission at Archangel and Murmansk for a named sub-consignee. The customary way of consigning is 30 per cent. cash against order and 70 per cent. against documents, which is collected by the British Supply Mission. The port of Archangel generally becomes ice-free about the end of May or the beginning of June. It is necessary for traders to make their own arrangements as to tonnage through their brokers in the usual manner.

Trade with Finland.

The Department of Overseas Trade (Russian and Scandinavian Section, Sunderland House, Curzon Street, Mayfair) has been informed by the Finnish Commercial Commission, 59 St. Mary Axe, E.C., that amongst the goods urgently required in Finland are the following: sulphur, 18,000 tons; sulphate of alumina, 4,000 tons; calcium chloride, 5,000 tons; caustic soda, 5,000 tons; glauber-salt, 18,000 tons; sulphuric acid, 1,000 tons; hydrochloric acid, 500 tons. It is understood that licences can be freely granted for the export of the above-mentioned commodities, subject to the production of the import licence of the Inter-Allied Trade Committee at Helsingfors.

Exports of Certain Proprietary Dyes.

The Director of the War Trade Department announces that an open general licence has been issued permitting the export of Dolly Dyes, Diamond Dyes, Drummer Dyes, and Maypole Dyes to all non-enemy destinations with which trading is now permitted. Application to the War Trade Department is no longer necessary in respect of these goods.

Export of Honey.

The Director of the War Trade Department announces that he is now prepared to allow the issue of licences freely for the export of honey. The present system by which exporters have been allowed to export 25 per cent. of the stocks held by them on February 1 is consequently cancelled, and all applications which may have been suspended under the arrangement in question are now under consideration. It is open to exporters to renew attention to any applications in respect of which licences may have been issued for part only of the quantity applied for. New applications for licence to export honey to Scandinavia and Holland should be accompanied by the necessary guarantees from the appropriate Import Associations.

Goods to Occupied Territory.

Arrangements have now been made which will enable goods to be despatched to Belgium, the left bank of the Rhine, and Alsace-Lorraine *via* Holland, without the production of N.O.T. certificates. Any exporters who desire to despatch goods by that route can do so provided the goods are consigned in transit and the bills of lading are made out to the Standard Bank of South Africa, Rotterdam, for account of the sub-consignee. Goods on Section C of the list of prohibited exports, and not therefore requiring a licence for export to Alsace-Lorraine or to Belgium, may be exported without licence or N.O.T. certificate *via* Holland, provided they are consigned as above. Goods for Switzerland may also be forwarded *via* Holland, but they must be consigned to the Standard Bank of South Africa, Rotterdam, for account of the S.S.S. for account of the actual consignee. H.M. Customs have been requested to allow goods for Switzerland to proceed *via* Holland if consigned as above, even though the licence may specify another route. The object of these arrangements is to enable goods to be exported to Holland in transit without the production of N.O.T. certificates, as the Standard Bank of South Africa at Rotterdam have undertaken to ensure that no goods consigned to them shall be detained in Holland, but shall be re-forwarded by them to their ultimate destination.

Revision of List.

The President of the Board of Trade has appointed a Council to examine the existing list of prohibited imports, to consider what revision in, addition to, or deletion from, such list are desirable, and what percentage of normal imports should be admitted up to September 1 next at latest, after making such inquiries as they think necessary, and to make recommendations to the President of the Board of Trade. Among the representatives of the various industries are Mr. A. F. Bird, M.P., and Mr. R. G. Perry (Association of British Chemical Manufacturers). Any Associations or other bodies or firms desirous of making representations as to any changes in the list of import restrictions whether by way of omissions or additions, should address such representations as soon as possible to the Secretary to the Council, Mr. H. J. Phillips, Department of Import Restrictions, 22 Carlisle Place, London, S.W. 1.

Trade Report.

42 Cannon Street, E.C. 4, March 27, 3 p.m.

THE unsatisfactory state of business which has prevailed since the signing of the Armistice still persists, and is likely to continue until the Peace Treaty is ratified and the Budget disposed of. So far as regards pharmaceutical chemicals the position could not be much worse, as prices continue to decline, and some are now remarkably cheap. When conditions become more settled and business improves, many of these low-priced chemicals, like acetanilide, the bromides, salicylates, chloral hydrate, paraldehyde, methyl salicylate, etc., are likely to appreciate in value, as present rates are unduly depressed. On the other hand, there are a number of products the prices of which are still inflated, and, as there is room for a considerable drop, caution has to be exercised. The American rate of exchange has gone against this country to the extent of 4 per cent., and this, added to an increase in freights, has a tendency to make imported chemicals dearer, with a corresponding falling off in imports. The situation on the spot is, however, governed by the fact that dealers and importers, in their eagerness to cut losses, have brought about an unsatisfactory state of affairs, for which they are more responsible than the makers, who are less prone to reduce prices, so that business all round is difficult. Among the more important changes is a reduction in barbitone, guaiacol carbonate, hydroquinone, pyrogallic acid, resorcin, creosote carbonate, and potash sulphoguaiacolate. Benzoic acid, milk-sugar, tartaric acid, and Japanese refined camphor are easier. Acetic acid is dearer. Among drugs and oils, rhubarb and cassia fistula are dearer. Turmeric was lower at auction. Gentian and valerian are cheaper. Sassafras, cajuput, safrol, star-anise, and lemon oils are easier. Black pepper, pimento, and cloves are the turn weaker. Cochin ginger is lower.

Higher	Firmer	Easier	Lower
Acetic acid Cassia fistula Peppermint oil (Amer.) Rhubarb Silver (bar)	Farina Mint oil (Jp.)	Agar-agar Anise oil, star Benzoic acid Cajuput oil Camphor (Jp. ref.) Cloves Cocaine Copaiba (Para) Creosote carb. Milk-sugar Nutmegs Paraldehyde Pepper (black) Pimento Potash prussiate Safrol Sassafras oil Soda hyposulph. Tartaric acid Vanillin	Arsenic Aubepine Barbitone Canary-seed Chamomiles Coriander-seed Cream of tartar Damiana Fenugreek-seed Gentian Ginger Glucose Guaiacol carb. Heliotropin Hydrobromic acid Hydroquinone Potash acetate Pot. carbonate Pot. sulphoguaiacolate Pyrogallic acid Resorcin Senega Soda pot. tart. Terpineol Turmeric Valerian Wax, veget. (Jp.) Wormseed oil

Cablegram.

NEW YORK, March 27.—Business in drugs is fair. Cascara sagrada has been reduced to 18½c., copaiba to 70c. per lb., and belladonna-leaves to 50c. per lb.

ACETIC ACID.—The consignments on the way from the U.S. have mostly been absorbed, and difficulty has been experienced in getting space for April shipments. Moreover, freight has been raised to $2.25 per 100 lb., and the higher rate of exchange is also operating unfavourably. Consequently prices of acetic acid have had to be raised in proportion. Glacial 99-per-cent. is now quoted at 95*l.* per ton for shipment, and 80-per-cent. pure is 85*l.* per ton.

AGAR-AGAR.—Finest No. 1 Kobe strip can be had at 2*s.* 3*d.* on the spot.

AMMON. ICHTHYOSULPH.—Fair quantities exist on spot, and prices range from 2*s.* 6*d.* to 2*s.* per lb. as to quality.

ARROWROOT is dull, with fair manufacturing St. Vincent offering at 7*d.* to 8*d.* per lb.

ARSENIC.—Prices have again collapsed badly, chiefly owing to absence of trade demand, buyers picking up lots occasionally coming on the market on their own terms. Fair-sized parcels have sold lately down to 35*l.* per ton delivered London, and small lots are variously quoted up to about 38*l.* for white powder.

ASPIRIN.—The export demand appears to have been stimulated by the low prices ruling on the spot, and some important orders have been received, which may relieve the situation later. At the moment, however, the prospects for an improvement in price are not bright, and 7*s.* 6*d.* to 7*s.* per lb. will still buy on the spot, and slightly less for forward delivery.

ATROPINE.—There is some inquiry for export, and for sulphate 85*s.* per oz. is quoted.

AUBEPINE is cheaper at 32*s.* 6*d.* per lb. on spot.

BALSAMS.—Current net prices on spot are: *Copaiba*, B.P., Central American, filtered, in cases, 5*s.*; filtered Para, in cases, 3*s.* to 3*s.* 2*d.*; unfiltered Maranham, in casks, 5*s.* 6*d.*; filtered, in cases, 5*s.* 9*d.* Arrivals comprise 125 cases copaiba from South America to Liverpool *Canada*, 7*s.* 3*d.* to 8*s.*, as to quantity. *Oregon*, 3*s.* *Tolu* on the spot has been sold at 6*s.* 6*d.* per lb. *Peru* now landing is offered at 16*s.* per lb.

BARBITONE.—Lack of demand has caused the price to shrink to 57*s.* 6*d.* per lb. net.

BENZAMINE SALTS are in good demand, the hydrochloride offering at 45*s.* per oz. and the lactate at 49*s.* 6*d.* per oz.

BENZOATES.—In spite of the efforts being made to maintain prices of *benzoic acid*, a sagging tendency is still in progress, and 8*s.* will buy on the spot; *soda benzoate* is unchanged at 7*s.* 6*d.*

BISMUTH SALTS.—There are fair quantities of the various salts in second-hands which have got to be disposed of, and the makers' prices can be shaded. Makers' prices are: B.P. carbonate, 15*s.* 6*d.*; citrate, 15*s.*; salicylate, 16*s.* 5*d.*; subchlor., 15*s.* 3*d.*; subgallate, 15*s.* 3*d.*; and subnitrate, 13*s.* 9*d.* per lb. net.

BROMIDES.—The improved demand has helped to reduce the existing stocks on the spot, and most of the shipments on the way are already sold. Potash is quoted at 2*s.* 9*d.*, ammonia at 3*s.*, and soda at 2*s.* 6*d.* per lb. net.

BROMSTYROL is cheaper to arrive at 100*s.* per lb. for 100-per-cent.

CALUMBA.—Fair natural sorts are selling at 100*s.* per cwt.

CALAMUS-ROOT.—Natural continues plentiful, and can be had at 65*s.* per cwt.

CAMPHOR (REFINED) is quiet, with small sales of 2½-lb. slabs at 8*s.* 9*d.* on the spot; English flowers are 8*s.* 6*d.* to 9*s.*

CANARY-SEED is rather lower at 230*s.* to 245*s.* per quarter for ordinary to good Morocco. For Spanish the quotation is 260*s.* to 275*s.* for fair to good bold.

CARDAMOMS.—At auction 72 cases Aleppy character offered, but only nine sold, comprising fair *seed* at 2*s.* 9*d.* per lb. subject. Brownish to fair greenish pod was bought in at from 2*s.* 9*d.* to 3*s.*

CASCARA SAGRADA.—Spot business is for current requirements, prices ranging from 115*s.* to 122*s.* 6*d.* per cwt. as to age; to arrive *via* Panama Canal, 1918 crop is offered at from 107*s.* 6*d.* to 110*s.* per cwt. c.i.f.

CASSIA FISTULA is scarce and dearer, sellers asking 160*s.* for fair pod: the recent arrival of 20 baskets appears to have gone into consumption.

CHAMOMILES are lower, good French offering at 240*s.* per cwt. on the spot.

CHLORAL HYDRATE is very cheap, and dealers are becoming tired of losing money on their stocks, as 6*s.* 9*d.* per lb. will buy duty-paid crystals on the spot.

CHLOROPHYLL to arrive is quoted at 30*s.* per lb. c.i.f.

CINCHONA.—Several direct shipments, amounting to 5,443 bales, have taken place from Batavia.

CLOVES are quiet, with sellers of fair Zanzibar at 8½*d.* to 9*d.* per lb. on the spot, and to arrive, April-May shipment, at 8*d.* c.i.f.

COCAINE is slightly easier, hydrochloride offering at 38*s.* per oz. and the pure alkaloid crystals at 43*s.* per oz.

COD-LIVER OIL.—According to Norwegian advices no business appears to have been effected yet in new medicinal oil, as the Government is still in control of the market. After two lean years there is prospect of a better yield this season, as, although the catch is not plentiful, the liver is fat and yielding well. Lower prices are looked for this year. The official report gives the following results of the Norwegian cod-fishing up to March 15:

	1917	1918	1919
Catch of cod (millions)	9·8	5·1	5·5
Yield of c.l.o. (hect.)	15,500	5,600	7,000
Liver for "raw" oils (hect.) ...	2,200	1,100	1,100

There is still nothing to be reported from the Bergen market. The offer of new Lofoten medicinal oil referred to in last week's issue should have read 450*s.*, and not 350*s.* as printed. We learn this week in another quarter that a bid of 400*s.*

per barrel would probably be entertained, subject to export licence being granted.

Colocynth.—Good pale clean Syrian apple is offered at 1*s.* 9*d.*, and ordinary at 1*s.* 3*d.*

Copper Sulphate.—Although there is not much life in the market the tendency has been rather firmer, this being due to the further considerable recovery in the price of copper. The export position, however, has remained disappointing and uncertain. The f.o.b. quotation at Liverpool ranges from 48*l.* per ton upwards, less 5 per cent. There is some little inquiry for home farmers' use, and the price in the latter direction is 49*l.* to 49*l.* 10*s.* per ton delivered to consumers. Unsold supplies of some dimensions are waiting for disposal.

Coriander-seed must be quoted lower at 22*s.* 6*d.* per cwt. for last year's crop of Morocco and 20*s.* for old crop.

Cream of Tartar.—The market continues demoralised, and prices are very irregular, varying from 300*s.* down to 280*s.* per cwt. We notice the arrival of 464 packages from New York to Liverpool. There is a plentiful supply of substitutes on the market, but the quality of some is below what will pass the Food and Drugs Act, and although prosecutions frequently take place they do not seem to act as a deterrent. The result is that the offering of such stuff at, say, from 20*s.* to 40*s.* per cwt. below the genuine article handicaps makers.

Creosote Carbonate.—Shipments having arrived, the price has been reduced to 72*s.* 6*d.* per lb.

Damiana is cheaper both on the spot and to arrive, the latter position offering at 100*s.* per cwt. c.i.f. terms.

Diamidophenol.—The *net* price is 19*s.* per lb.

Eucalyptus Oil.—We understand that the losses through leakage of oil being shipped on deck have been so heavy to importers that they will be compelled to raise prices until they can get oil shipped below deck. Moreover, the underwriters are disputing claims, and the insurance brokers are holding out for higher premiums for oil carried on deck. These factors, it is considered, are bound to ultimately effect values of oil for forward delivery, and incidentally may affect spot prices. At present large stocks are available on the spot, and 3*s.* will buy B.P. oils (70 to 75 per cent.).

Farina is steadier, No. 1 Japanese offering at 35*s.* per cwt. on the spot and to arrive, the sales include March-May shipment at 30*s.* c.i.f. Liverpool, with sellers on Wednesday at 28*s.* 6*d.*

Fenugreek-seed is lower, with sales at 13*s.* per cwt. for Morocco.

Formaldehyde is unchanged and in good demand, especially for industrial purposes.

Gallic Acid.—Only small reductions have taken place in the price of galls, consequently the value of gallic acid has receded slowly, puro offering at 7*s.* 6*d.*

Gentian is cheaper, with fair Spanish offering at 60*s.* per cwt. on the spot.

Ginger was lower in auction, 300 bags Cochin selling without reserve at 34*s.* to 38*s.* for medium and small washed rough.

Glucose is cheaper, with American liquid offering up to the end of April at 47*s.* per cwt. on the spot.

Glycerophosphates are in good demand, and supplies are now more plentiful.

Grindelia Robusta for prompt shipment from the U.S.A. is quoted at 100*s.* per cwt. c.i.f.

Guaiacol Carbonate.—Keen competition continues, and orders have been booked as low as 42*s.* 6*d.* per lb.

Heliotropin is lower at from 20*s.* to 22*s.* per lb. on the spot.

Hexamine.—Owners are reluctant to part with their stocks at below 5*s.* 6*d.* per lb.

Hydrobromic Acid.—B.P. dil. is about 4*d.* per lb. cheaper, makers quoting 1*s.* per lb.

Hydroquinone.—Dealers continue to liquidate their stocks, and it is possible to buy at 10*s.* per lb.

Lemon Oil for forward shipment was reduced early in the week, but with the violent break in the Italian exchange following the withdrawal of its artificial maintenance, it is argued that the prices should recover. The demand is flat, and values are irregular at from 5*s.* 6*d.* to 5*s.* c.i.f., with spot values from 5*s.* 3*d.* to 5*s.* 6*d.*

Liquorice-juice.—Finest Sicilian 1-oz. and 2-oz. sticks offer at 405*s.* per cwt. c. and f. London.

Liquorice-root.—Natural is offered at from 65*s.* to 85*s.* per cwt., as to quality, and cut decorticated remains scarce at 180*s.*

Menthol is quiet, with sellers of Kobayashi-Suzuki at 21*s.* 3*d.* on the spot.

Methyl Sulphonal to arrive is offered at 100*s.* per lb.

Milk-sugar.—It is reported that the Government stock may be appreciably reduced in the near future, as certain quantities are wanted for export. Meanwhile B.P. powder is obtainable at 1*s.* 7*d.* per lb.

Mint Oil.—Japanese dementholised has been quiet, but towards the close an improved business was done, with no sellers of Kobayashi-Suzuki below 5*s.* 4½*d.*

Oils, Essential.—The following are current quotations: White *camphor* 130*s.* and brown 125*s.* per cwt. *Cajuput* 8*s.* 6*d.* per lb. *Cassia*, 80 to 85 per cent., 7*s.* 6*d.*; 70 to 75 per cent., 7*s.* *Bois de Rose Femelle* 18*s.* per lb. Ceylon *Citronella* 2*s.* 9*d.* (2*s.* c.i.f.). *Eucalyptus* 2*s.* 7½*d.* to 3*s.* 3*d.* Bourbon *Geranium* 25*s.* 6*d.* to 27*s.* *African* 35*s.* French *Spike Lavender* 6*s.* 6*d.*; Spanish 4*s.* Cochin *Lemongrass* 5*d.* per oz. (4½*d.* c.i.f.). French *Petitgrain* 25*s.* Paraguayan 15*s.* Rectified *Caraway* 21*s.* *Cinnamon-leaf* 9½*d.* to 10*d.* per oz. *Juniper* berry, B.P., 32*s.* 6*d.*; juniper *wood* 8*s.* 9*d.* American *Cedarwood* 2*s.* 6*d.* American *Sassafras* 12*s.* 6*d.* Genuine *Wintergreen* 26*s.* to 27*s.* 6*d.* per lb. French *Lavender* 32*s.* 6*d.* to 33*s.* 6*d.* *Neroli* 28*s.* 6*d.* per oz. French *Rosemary* 5*s.* 9*d.* and Spanish 3*s.* 4*d.*

Opium.—Business is retail, with Persian 10-per-cent. offering at 65*s.* to 67*s.* 6*d.* on the spot. It is reported that a large stock of opium exists in the Smyrna and Constantinople markets—over 10,000 cases; but in view of the cessation of the manufacture of morphine, except for legitimate medicinal purposes, there is no demand for Turkey opium, and an interesting situation arises as to what will ultimately be done with the stock. The United States has, however, been allowed to make purchases in Turkey for her legitimate requirements.

Otto of Rose.—Bulgarian of 1917-18 crop is offered at 90*s.* per English oz. on the spot.

Paraform is obtainable at 6*s.* 9*d.* per lb. on spot.

Pepper continues quiet, and is likely to be until exports can be freely sent to the Continent. Spot prices of fair *black* Singapore are easier at 8½*d.*, Tellicherry is 8¾*d.*, and Aleppy 8½*d.* *White* Muntok is quoted at 1*s.* and Singapore at 11½*d.* per lb. on spot.

Peppermint Oil continues to advance in New York, where there are very small supplies available for exportation; in fact, it is said the U.S.A. is very bare of stock. The price in New York is equal to 42*s.*, and in London possibly 40*s.* might buy good brands, and although business has recently been done at less, it cannot be repeated; H.G.H. is nominal at 56*s.*

Phenacetin.—Crystals continue scarce, and stocks of powder command 10*s.* 6*d.* to 10*s.* per lb.

Phenazone.—Supplies are still short, and prices are giving way very slowly at from 53*s.* to 52*s.* 6*d.* per lb.

Pimento is quiet, with spot sellers at 3¾*d.* per lb.

Potash Acetate is about 1*s.* per lb. lower at 3*s.* 2*d.* for B.P.

Potash Carbonate is cheaper at 95*l.* per ton for 80 to 85 per cent.

Potash Permanganate of Japanese make is offered at 4*s.* 3*d.* per lb. on the spot. There appears to be no bottom to the market in the United States, and some ridiculously low offers have been received from that source.

Potash Prussiate.—Demand is still light, and the price has declined to 2*s.* 1*d.* per lb.

Potash Sulphoguaiacolate.—Competition has forced down prices to 35*s.* to 32*s.* 6*d.* per lb.

Pyrogallic Acid.—With keen competition and fairly large stocks available, prices have been forced down to 13*s.* for crystals and 15*s.* 6*d.* for resublimed.

Quassia.—Chips are offered at 40*s.* per cwt. in ton lots.

Quicksilver.—An arrival of 5,000 bottles has taken place from Spain. Within recent weeks there has been a constant fall in the American prices owing to pressure to sell in California, and the market is still reported weak, the price in New York being near $84 per flask. American production will probably be considerably reduced during the current year in anticipation of a further fall. The London market has so far remained fairly steady at about 20*l.* 10*s.* for fair-sized lots, but caution is now required in exercising purchases. It is to be presumed that as soon as our imports assume more important dimensions prices will be allowed to ease to a less extravagant level. Some months ago it was generally assumed that the arrangements for handling the Spanish output by one firm only had come to an end, but it is now surprising to learn from what has transpired in the Spanish Press that the contract with the well-known firm of importers has been renewed in a modified form. Under the new arrangement the quantities to be reserved for consumption in Spain are to be increased to about 1,000 bottles per annum.

Resorcin crystals are now obtainable at the cheaper rate of 25*s.* per lb.

Rhubarb.—In the absence of arrivals for a lengthy period and a gradual reduction in the stocks, prices have hardened

for several weeks past. Bold Canton, with fair pinky fracture, is held for 3*s.* to 3*s.* 3*d.* and Chinese *Rhapontica* at from 10½*d.* to 11*d.* The deliveries during February amounted to 113 cases, nothing being landed; stocks at the end of February amounted to 364 cases, against 784 cases in February 1918.

SAFFRON is firm at from 48*s.* to 52*s.* per lb. for Spanish, as to quality.

SAFROL is offered at the cheaper rate of 3*s.* 9*d.* per lb.

SALICYLATES.—Having regard to the increased cost of production, the present price of *salicylic acid* is rapidly approaching the pre-war value, and the demand ought to be stimulated in consequence. B.P. powder is offered at 2*s.* on the spot and forward. *Sodium salicylate* powder still remains steady at 3*s.* 3*d.* owing to the comparatively limited production, with 3*d.* extra for small flake.

SALOL is still being keenly cut in price at from 5*s.* 3*d.* to 5*s.* per lb.

SILVER.—The prices of bar silver was raised on Tuesday by 1$\frac{9}{16}$*d.* to 49$\frac{5}{16}$*d.* per oz. as the result of the fall in the American exchange.

SODA TARTARATA has been reduced about 24*s.* per cwt. to 180*s.* per cwt. for B.P. *Pulv. seidlitz* is also cheaper to the extent of about 15*s.* per cwt. at 144*s.* 6*d.*

TARTARIC ACID is dull and easier at 3*s.* 4½*d.* per lb.

TERPINEOL is lower at from 4*s.* to 4*s.* 6*d.* per lb. on the spot.

TRAGACANTH.—Although the home trade demand remains poor, there is a good business on export account at firm prices.

TURMERIC.—At auction 300 bags Madras sold without reserve, comprising fair finger, part bulby, at from 26*s.* to 27*s.* per cwt., being lower.

VALERIAN is cheaper, with Indian offering at 300*s.* per cwt. on the spot.

VANILLIN.—Prices vary from about 46*s.* to 48*s.* 6*d.* per lb., as to quantity, the lower prices being for 5 to 10 cwt. lots.

WAX, VEGETABLE, is cheaper, with spot sellers at 58*s.* per cwt.

Japanese Phosphorus Industry.

The Japanese phosphorus industry is dealt with in an interesting article in the Osaka "Mainachi Shinbun" of November 30, 1918, in the course of which it is stated that the total annual home demand for phosphorus, including amorphous and stick, was about 7,000 cases (each 100 lb.), for which Japan was principally dependent upon England, France, and Germany. There were only two local factories—viz., the Fuji Electro-Chemical Industry Co., and the Nippon Electro Industry Co., both in Shidzuoka Prefecture, the total output of which covered only 1.7 per cent. of the imports. When imports from Germany were cut off and the stock ran short, users of phosphorus, such as match-makers and others, were caused great anxiety, with the result that the market price of stick phosphorus, which stood at 65 yen to 70 yen per 100 lb. before the war, rose to approximately 180 yen within two months, and amorphous from 90 yen to 250 yen, and at the beginning of 1916 the market showed the unprecedented price of 400 yen and 500 yen respectively. Such being the case, the two factories did their utmost to enlarge their business, and amalgamations were formed and branch plants established, in addition to which several small factories sprang up, so that in 1917 the total home production reached 500,000 lb. The following statistics show the gradual decrease of imports due to the growth of the home industry:

	Kin	Yen
1913	630,000	647,000
1914	520,000	557,000
1915	411,000	409,000
1916	321,359	370,726
1917	132,021	303,519

The increase of production did not cease in 1917. According to investigations, at the end of 1918 there were fifteen factories using 15,000 kilowatts of electricity, including those running, planned, and under construction, and their total production not only covered home consumption, but also left a certain quantity for export purposes. Owing to the progress of the industry and the meeting of the home demand prices fell to some extent, but still the enterprise proved profitable in spite of the fact that phosphate rock (the raw material) cost as much as 40 yen to 50 yen per ton. Should the value of phosphorus come down to the pre-war level it will remain to be seen whether the home industry can meet foreign competition. The cost of electricity, as motive power, is cheap, and it is likely that the price of raw material will shortly come down to pre-war level, which should make this possible.

Arrivals of Chemicals, Drugs, etc.

The following arrivals have taken place at the various British ports:

To London

(Mch. 18 to 24).

Albumen, 1,494 cs.
Almonds (Sp.), 290 bgs. 500 bxs. 105 cs.
Carbon black, 503 cs.
Casein (Fr.), 1,335 bgs.
Cashew nuts, 427 cs.
Chemical products, unrated (N.Y.), 6 cs. 120 pkgs. (Fr.), 15 pkgs.
Acetanilide (N.Y.), 25 drms.
Acetic acid (N.Y.), 278 brls.
"Acid phosphate," 34 brls.
Ammon. phosph. (N.Y.), 35 brls.
Benzonaphthol (N.Y.), 5 kgs.
Barium carb. (N.Y.), 571 bgs.
Boricacid (N.Y.), 500 cks. 11 cs.
Formaldehyde, 355 brls.
Lactic acid (N.Y.), 72 brls.
Lead acetate (N.Y.), 52 brls.
Pot. carb. (N.Y.), 62 cks.
Pot. chlor. (Jp.), 20 cs.
Pot. permang. (Jp.), 50 cs.
Potash, not described (Go'burg), 40 drms.
Salicylic acid, 4 brls.
Saltpetre, 2,627 bgs.
Soda acetate (N.Y.), 80 brls.
Soda silicate (Jp.), 20 cs.
Copra (S'pore), 200 tons 2,171 bgs. (W.I.), 76
Drugs, etc. (U.S.), 130 bxs. 31 cs.: herbs (N.Y.), 191 pkgs. (Jp.), 50 bls.; roots, barks, etc. (N.Y.), 87 bls. 17 bgs. 55 cs.
Aloes (Mossel Bay), 291 cs.
Anise, star, 100 cs.
Benzoin (S'pore), 209 cs.
Camphor, 25 cs.
Cantharides (Ch.), 89 cs.
Cascara sag. (N.Y.), 262 bgs.
Cinchona (Batavia), 2,040 bls.
Cod-liver oil (R'dam), 50 cs.
Cubebs (Amst.), 9 bgs.
Datura (E.I.), 40 bgs.
Dragon's blood, 15 cs.
Galls, 67 bgs.
Kola (W.I.), 5 bgs.
Liquorice (N.Y.), 216 cs.
Myrrh, 11 bgs.
Nux vomica, 59 pkgs.
Opium (B'bay), 310 chts.
Turmeric, 135 bgs.
Drugs, medicines, perf., etc.: Fellows' syrup, 500 cs.; fig syrup, 1,350 cs.; Garfield's tea (N.Y.), 65 cs.; liniment (N.Y.), 856 cs.; liver pills (N.Y.), 33 cs.; soaps and creams (N.Y.), 2,560 pkgs.; toilet preps. (N.Y.), 194 cs.
Dyes, dyeing, and tanning materials, etc.: aniline dyes (N.Y.), 100 cs.; indigo (E.I.), 67 chts.
Egg products: egg-yolk, dried, 2,321 cs. 316 brls.; eggs, dried, 1,648 cs.; whole egg, 60 cs.; liquid egg-yolk, 960 cks.
Glucose (N.Y.), 2,037 brls.
Gums, resins, etc.: copal (S'pore), 315 cs. (Manila), 148 sks. (N.Y.), 1,421 pkgs.; damar, 425 cs.; lac, button, 14 cs.; seed, 195 bgs.
Honey (N.Y.), 1,206 cs. (Mossel Bay), 185 cs.
Isinglass (N.Y.), 9 cs. 31 brls.
Lime-juice (Trin.), 3 hds.
Lithopone (N.Y.), 320 brls.
Monazite sand (Tuticorin), 1,299 pkgs.
Nulomoline, 300 brls.
Oils, essential (N.Y.), 95 cs. 2 drms. (China), 95 cs.; anise, star, 100 cs.; cinnamon (Cey.), 12 cs.; leaf, 15 cs.; citronella (N.Y.), 17 drms. (Cey.), 21 drms. (Rangoon), 20 pkgs.; lime oil, dist. (N.Y.), 16 cs.; mint (Jp.), 30 cs.; peppermint (N.Y.), 20 cs.
Oils, fixed: coconut (Coch.), 506 pps. 112 hds. 2,224 cs. 37 cks.; cotton seed, 10,069 brls.; fish (Jp.), 947 cs.; ground nut (Ch.), 296 cks.; hardened oil (Jp.), 400 cs.; perilla (Jp.), 250 cs.; rape (R'dam), 400 tcs.; tea seed (Jp.), 300 cs. (Ch.), 550 cs.; whale, 50 cks.; wood (Ch.), 334 drms. 2,206 cs. 100 brls.
Perfumery (Fr.), 66 cs.
Petroleum jelly, 2,168 cs.
Quicksilver (Sp.), 5,000 bott.
Ratin (C'hagen), 10 cs.
Rennet ext. (C'hagen), 9 cks.; tablets, 38 cs.
Resin (U.S.), 3,048 brls.
Seeds: ground nut, 6,809 bgs.; lin. (E.I.), 38,276 bgs. 12,420 pkgs.; rape (Cape), 59; sesame (Ch.), 3,234 bgs.; sunflower (Cape), 369 bgs.
Soy (Ch.), 430 cs. 100 kgs.
Spices: cassia, 1,000 cs. 255 bls.; broken cassia, 298 bls.; cassia buds, 200 bls. 200 cs.; chillies (N.Y.), 90 bls.; cloves (S'pore), 212 bgs. (B'bay), 176 bdls.; ginger (Jp.), 84 bgs. (B'bay), 357 bgs.; mace, 20 brls.; nutmegs (Gren.), 39 brls. 283 bgs. 3 cs.; pepper (S'pore), 2,330 pkgs. 3,580 bgs.
Starches (bags), 100: dextrin, 440; farina, 7,199; sweet, 300; rice, 160; wheat, 2,075 sks. 2,200 bgs. 1,000 brls.
Tallow (S. Amer.), 1,210 trcs.
Wax, bees' (E.I.), 38 cs. (S'pore), 70 bdls.
Wax, carnauba (N.Y.), 124
Wax, not described (N.Y.), 1,427 cs. 1,231 bgs.
Wax, paraffin (N.Y.), 210 pkgs. 39 bgs., 3,836 brls.; scale, 6,725 brls.
Wax, vegetable (Jp.), 100 cs.

To Liverpool

(Mch. 17 to 22).

Acetone (St. John, N.B.), 615 drms.; ketone, 62 drms.
Alcohol (St. John, N.B.), 419 drms.
Cadmium metal (N.Y.), 37 bxs.
Cassia (N.Y.), 500 bls.
Chemical products:
Acetate of lime (St. John, N.B.), 3,753 bgs.
Bromides, 45 cs.; ammon., 20 cs.
Betanaphthol, 96 brls.
Calc. tartrate (Fr.), 225 bgs.
Chloral hydrate (U.S.), 91 pkgs. 45 drms.
Cinchona (B'deaux), 60 cs.
Cream of tartar (N.Y.), 464 pkgs.
Creosote, 35 cs.
Hydroquinone (N.Y.) 50 kgs.
Lactic acid, 10 brls.
Methyl sal. (U.S.), 46 cs.
Milk-sugar (U.S.), 98 brls.
Paraform, 20 cs.
Pyrogallol, 20 cs.
Saccharin, 5 cs.
Salol, 15 cs.
Soda naphthonate, 75 brls.
Soda glycerophosph., 10 cs.
Strontium bromide, 6 kgs.
Terpin hydrate, 90 pkgs.
Dextrin (N.Y.), 80 bgs.
Drugs, etc., unrated (N.Y.), 144 pkgs.: medicines (Boston), 158 cs.; herbs (Port.), 20 bgs.
Cod-liver oil (Newf.), 736 brls.
Lavender flow. (Port.), 44 bgs.
Witch-hazel ext. (N.Y.), 50 brls.
Dyes, dyeing, and tanning materials, etc.: cutch, 80 cs. 200 bxs.; orchella weed, 74 bls.
Egg-yolk (N.Y.), 449 cs.
Farina (Brazil), 6,900 bgs.
Gums, not described (Lisbon), 107 pkgs.
Oils, essential; citronella (R'goon), 10 crts.; turpentine (U.S.), 4,800 brls.
Oils, fixed: cod (Newf.), 662 cks.
Resin (Fr.), 1,692 cks. (U.S.), 1,500 brls. (Port.), 26 brls. 99 cks.
Seeds, kernels, etc.: babassu (Brazil), 9,091 bgs.; caraway (R'dam), 300 bls.; ground nut (R'goon), 1,000 bgs. (N.Y.), 2,688 bgs.
Soap (St. John, N.B.), 2,000 cs. 2,833 pkgs.
Wax, bees' (N.Y.), 37 cs.
Wax, paraffin (R'goon), 4,480 bgs.; (N.Y.), scale, 864 brls.

To South Shields.

Aspirin (Christiania), 20 cs.; creosote carb., 2 cs.

Venereal Disease Act.

Sir,—It would be interesting to know the experience of pharmacists living in areas scheduled under the Venereal Disease Act. In this neighbourhood the sales of capsules and so on were practically nil up to the time of scheduling, but now there is a fairly steady demand. This is due, doubtless, to the fact that persons of limited means have had such scanty attention in many instances under the National Insurance Act, and have had to wait so long in surgeries, that they will not face the same ordeal with a complaint of such a delicate nature. Consequently, as they are now debarred from asking questions over the counter, they learn the names of the articles required from some friend who has had previous treatment, and increased trade is the result.

Yours faithfully,
Non-Prescriber. (91/71.)

Apothecaries' Assistants.

Sir,—I endorse every word of "Disgusted Life Member" (*C. & D.*, March 22, p. 72); in fact, I am so fed up with the whole pharmacy "profession" that I am selling up and going in for the medical.

Yours, etc.,
W. W. H. (96/45.)

Sir,—As an unregistered man of forty-two years' practical experience—thirty-two years on my own account—I consider that the admission of Apothecaries' dispensers to the Register of Chemists and Druggists would be most unfair, unless those who have served an indentured apprenticeship to a chemist and druggist be also recognised by the Pharmaceutical Society. Each person, whether dispenser to a doctor, Army, or hospital, or one who had been indentured and trained by a chemist and druggist, should have had ten years' practical experience before being granted any opportunity of registration without examination. The chief step to be taken by all interested would be to bring about a law whereby all businesses other than those under the direct management of registered chemists and druggists should be prevented from selling or dealing in any remedies, either internal or external. This would open up proper prospects of business for men registered and qualified by practical experience, and compensate the Pharmaceutical Society for opening the register to them.

Yours truly,
Pro Bono Publico. (69/35.)

Sir,—It was with great pleasure that I read the news in the *C. & D.* that the Pharmaceutical Society actually intends registering as chemists and druggists a considerable number of Apothecaries' Hall certificated persons. Now, would it not be equally reasonable to register men who have had, say, twenty years' constant practical pharmacy and who had passed the Preliminary, preference being given to those who had studied for the Minor and paid their fees and were successful on the first day, but failed, through nervousness, in the Oral? Surely these persons would be of vastly more service and security to the State than those who have, after a few months' training, been given the Apothecaries' Hall certificate, many of whom have never been behind a chemist's counter.

Yours faithfully,
A. Gregory.

Sir,—Though not as yet elected a member of the Pharmaceutical Society of Great Britain, I consider it my duty to join in "Disgusted Life-Member's" protest against the contemplated registration as pharmacists of Apothecaries' Hall assistants. I was compelled to recapitulate and acquire sufficient up-to-date knowledge, as well as pay in my hard-earned guineas to the Registrar at Bloomsbury Square, in order to obtain the "Minor" certificate which would enable me to get a living wage as a practising pharmacist in this country, although I was a pharmaceutical chemist of the Pharmaceutical Society of Ireland and an assistant of the Apothecaries' Hall of Ireland; and I fail to see where the necessity arises for the surrender of any little advantage I may now enjoy in the matter of a slightly increased remuneration. Whilst willingly admitting that the Apothecaries' Hall assistants number many very competent men, nevertheless it would be absurd to look upon them as a body without further examination as capable of acting as dispensing and consulting pharmacists.

Yours very faithfully,
Liverpool. H. Corbett Meyrick, Ph.C.

South African Reciprocity Wanted.

Sir,—I venture to bring forward a grievance on behalf of South African chemists and druggists. At present there appears to be no regulation (although the Pharmaceutical Society has the power to make such) by which any person holding a South African qualification of chemist and druggist can be registered in Great Britain. This means that those who have spent time and money in obtaining a pharmaceutical qualification in South Africa are barred, should they desire to proceed to Great Britain, from practising there unless they pass the Qualifying examination of the Pharmaceutical Society of Great Britain. This is obviously a waste of both time and money, as surely a South African qualified chemist and druggist is capable enough to be registered in Great Britain. There may be slight differences as regards the South African examination and the British, but not to such an extent as to preclude the Pharmaceutical Society of Great Britain from accepting the South African examination in lieu of the Minor. Allowances must be made for the difficulties in connection with pharmaceutical studies in the South African provinces. The South African Government is satisfied that the examinations are of sufficient standard to qualify for keeping open shop as a chemist and druggist with safety to the public, so that surely the Pharmaceutical Society can accept the examinations for registration in Great Britain. The position at present is that any person holding the Minor certificate of the Pharmaceutical Society of Great Britain can proceed to South Africa and become registered in any of the four provinces of the Union, whereas anyone with a South African qualification is debarred from becoming registered in Great Britain without passing the Minor examination. It would therefore appear that it is time that the Pharmaceutical Society went into the matter and passed the necessary regulation to enable any South African qualified chemist and druggist to register in Great Britain on payment of the usual Colonial registration fee.

I remain, etc.,
"Colonial." (94/19.)

[The matter is not so simple as "Colonial" appears to imagine. Moreover, it is for the various South African Pharmacy Boards to approach the Pharmaceutical Society of Great Britain if they desire regulations to be made establishing reciprocity.—Ed.]

Why there are Unqualified Assistants.

Sir,—The address recently given to the Leeds Association (*C. & D.*, March 22, p. 65) made interesting reading. Several remarks by Mr. Skinner and the President are worthy of note. The latter gentleman accuses the wholesale of supplying the "parasites" of the trade. By this term I presume he refers to the unqualified men in business. These I can leave to look after themselves so far as their position is concerned. What I strongly question is the statement that the wholesale provide the bulk of the so-called "parasites." I have had considerable experience in both classes of business, and my conclusion is that the "boot is on the other leg." In the past the retail has taken youths as apprentices with little or no consideration as to their having passed the Preliminary examination, and if a youth has not passed the examination before going into business the chances are very much against him after that time. Again, how many masters give their apprentices a pharmaceutical training during those vital three or four years? And where a youth has no opportunity of attending classes he finds himself at twenty-one with a somewhat expensive college course in front of him which he is not always able to afford. As the months and years slip by the chances of qualification become less, and many drift on as unqualified assistants or later in life embark in business as drug-store proprietors. Many apprentices do not know the use of a percolator, a plaster iron, or suppository mould, scarcely ever make a pharmaceutical preparation, and only get a very superficial knowledge of the rudiments of pharmacy. It is unjust to take a boy as an apprentice unless he has passed his Preliminary examination, and a much larger percentage would eventually qualify if their masters would conscientiously teach them the business, instead of allowing them to drift through their apprenticeship with no other thought than that of cheap labour. The so-called "parasite" of Mr. Armitage is largely the result of this condition of things, and the retail far more productive of it than the wholesale. Doubtless some men do go into business from the latter, and that they make a living is all the more remarkable, for they lack entirely a retail-business training. A man in the wholesale is generally a "wet," "dry," or "sundry" man during the whole of his employment, and to leave this somewhat narrow sphere and enter into retail-trade competition with the registered chemist means that he has got to put his back into it wholeheartedly and move with the times as a tradesman to make

a living for himself. I contend that far more parasites are produced by lightly accepting youths as apprentices who have not passed the Entrance examination, and by the faulty and negligent training given to them during their novitiate in the retail. There are, we know, many honourable exceptions, and many men in the trade have risen to high positions, largely due to their thorough training during their younger days. Unfortunately, one could almost count these exceptions. Why all this waste of words at pharmacy meetings? "Octopus, Ltd.," has come to stay; the unqualified man is following a perfectly legitimate business; the pharmacist will be just as successful as his business training and enterprise deserve. Pharmacy is a business, and requires just as much training in buying, stock-keeping, book-keeping, salesmanship, publicity, etc., as any other successful business. In the past many of these essentials have been neglected, and consequently rarely acquired by apprentices because they have never been considered necessary; but the successful pharmacist of the future will have to practise all these arts, not in any haphazard way either, if he is to hold his own against "Octopus, Ltd.," of many tentacles or the flea-bites of the drug-store.

Yours truly,
A "SQUARE" MAN. (91/89.)

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

Amalgamated Union of Drug Workers, etc.

Mr. Herbert Skinner desires us to ask "Well-wisher" who wrote to him this week (in consequence of the letter in the *C. & D.*, March 22, p. 71) to send his name and address which was omitted from the communication.

Price of Mixture.

H. L. (81/9), referring to the prescription given in THE CHEMIST AND DRUGGIST, March 22, p. 72, considers 6*s.* would be a fair price.

W. E. G. (97/42) would charge from 6*s.* 6*d.* to 7*s.* 6*d.*, according to the class of customer.

The Revenue Benefits.

J. A. S. (82/69) writes: I was particularly struck with the large revenue which the Government receives from an order I received by post for a 3*s.* bottle of proprietary cough-elixir. Here are the items: cheque stamp, 2*d.*; letter postage, 1½*d.*; patent-medicine stamp, 6*d.*; postage on parcel, 6*d.*; total, 1*s.* 3½*d.*

Use Wanted for Old Dental Base Plate.

Terraplastica (97/50) writes: We have a quantity of old base plate terraplastica, and should be glad to have some idea of its value, and to know whether it can be utilised in any way. Considering the present cost of material a stone or two of this should be worth something. Is there any method of restoring it to something like its original condition?

Cocaine Manufacture.

In looking through the advertisements in a pre-war copy of *The Chemist and Druggist Diary*, I came across an announcement by E. Merck, Darmstadt, that he was "the first and largest manufacturer of cocaine in the world." It seems, therefore, that the Hun is at the back of the demoralising cocaine plague, and that when peace is declared the League of Nations police must keep their eye on Merck. —*Radix* (91/7).

"Orange Quinine" without Wine.

Jay Mack sends the following "tip":

There are plenty of empty bottles about—every cellar is full of them. Why not utilise them for "Orange Quinine" without wine? A good preparation can be made from quinine (½ gr. to ʒj. is sufficient), citric acid, dilute phosphoric acid, elixir of orange, and chloroform-water. This yields a fine orange-coloured mixture and is a decent tonic. The public firmly believe in orange quinine wine, and may easily be switched on to a non-vinous preparation.

Extinguishing a Lamp.

Mr. H. Corbett Meyrick writes: With reference to the "Retrospect" note in the *C. & D.*, March 22, those interested will find that when extinguishing oil lamps which have not mechanical extinguishers attached, it will be simpler and safer to puff gently against an ordinary-size book held at a convenient angle slightly above the chimneys. There is no necessity previously to lower the wicks, which may be left at the proper elevation for relighting, unless gradual heating of the chimneys be then desired.

Summer-time begins March 30.

There's a time to be born and a time to die,
A time to plant and a time to reap;
A time to slay and a time to heal,
A time to stand and a time to leap—
And there's "Summer-time"!

There's a time to weep and a time to laugh,
A time to kiss and a time to quake;
A time to mourn and a time to quaff,
A time to build and a time to break—
And there's "Summer-time"!

There's a time to get and a time to lose,
A time to keep and a time to spare;
A time to rend and a time to sew,
A time to speak and a time for dumb-show—
And there's "Summer-time"!

There's a time to love and a time to hate,
A time to be small and a time to be great;
A time for war, a time war should cease,
There is time to establish a world-wide peace—
This summer-time!

A. E. W.

Dispensing Difficulties and Notes.

Appearance of Mixture.

SIR,—I have compounded the following prescription for a customer, who returned it with the complaint that when made at another pharmacy the mixture had quite a different taste and appearance. When making it I dissolved the sodii phosph. in the inf. ergotæ conc., using a slight heat, added the ac. phosph. dil., syr. limonis, and lastly the syr. Eastonii. On adding the last-named the mixture turned an inky colour, and on standing a considerable precipitate collected, leaving the upper part of the same colour as the liq. ergot. conc. used in preparing it. My customer brought me a sample of the mixture as made by another chemist; it is much lighter in colour, more acid to the taste, and there is only a slight sediment. I should be glad of your guidance in the matter. Yours truly,

P. W. (77/71.)

Sodii phosph.	ʒiiss.
Ac. phosph. dil.	ʒss.
Syr. limonis,	
Syr. ferri phosph. c. quin. et strych. ... ... aa.	ʒiij.
Inf. ergotæ conc. ad	℥xij.

Ft. mist.

[This is a prescription which provides much latitude for variation in the product when compounded. On the nature of the "concentrated infusion of ergot" the appearance of the mixture will depend. We have no doubt that the preparation will vary with different makers, like other concentrates of preparations which do not lend themselves to this form of treatment. The difference in acidity is more difficult to explain, as the acid-bearing constituents are all standard articles. The mixture contains a good deal of acid, and it may be that your sense of taste was reduced in sensibility by the first sample, the comparison being consequently less correct. The safe way in such a case is to compare the quantity of an alkali required to neutralise. So far as a mixture compounded with a strong freshly made infusion, and the other constituents as prescribed, may be taken as a guide, there is not much precipitate and no blackening—only a slight darkening. Liquid extract of ergot is not blackened by addition of the syrup of iron phosphate. Some preparations of iron—tincture of perchloride, for example—make a black mixture with liquid extract. We are inclined to think, therefore, that the variation in the appearance may be due to the variation in the ergot preparation.]

Legal Queries.

J. C. (91/51).—SALE OF OPIUM AND ITS PREPARATIONS.—It is under the Cocaine and Opium Regulation 40B of the Defence of the Realm Act that opium, by itself, may not be dispensed. The opium referred to is either raw, powdered, or granulated. If any other ingredient or excipient is present, as is usually the case in pills or tablets, the Cocaine and Opium Regulation does not apply, but the restrictions of the Irish Sale of Poisons Act apply in your case. These you will find given in *The Chemist and Druggist Diary*, 1919, p 83. It is this Act which regulates the sale of the liquid preparations of opium to which you refer.

H. B. (78/62) asks whether any legal responsibility attaches to the principal of a college of pharmacy in the event of a student or a demonstrator meeting with an accident during experimental work. [We are of opinion that the principal would be liable at common law to pay damages to a student or a demonstrator in the circumstances stated, in the event of the injured party being able to prove that the accident resulted from negligence upon the part of the principal of the college. In the case of a demonstrator whose salary does not exceed 250*l.* a year, he would be entitled to claim compensation, under the Workmen's Compensation Act, 1906, in respect of any injury resulting from an accident "arising out of and in the course of his employment."]

R. W. (88/70) writes in regard to a lease which expires in June next. Under the lease he is given the right to a further lease for five years at a higher rental upon giving six months' notice to the landlord of his intention to avail himself of the option. *R. W.* gave the necessary notice in December last, which has been acknowledged by the landlord, but no lease has so far been granted. Is it necessary that a new lease should be prepared, or are the notice and acknowledgment, combined with the existing lease, sufficient covering for the further tenancy? [A fresh lease should be prepared to cover the further term of five years. If "R. W." has paid his rent and observed all the conditions of his existing lease he is entitled to call upon his landlord to grant the new lease.]

J. L. P. (96/73) has for years been tenant of a house and shop at a yearly rent of 30*l.* There is no written tenancy agreement, and he has sub-let the house. Last September the landlord raised the rent 2*l.*, and he now demands payment of a further increase of 8*l.* Are the increases of rent legal, and can the landlord compel "J. L. P." to quit the premises? [As the premises are situated in a country town in England, and the rent exceeds 26*l.* per annum, the landlord is not prevented by the Increase of Rent and Mortgage Interest (War Restrictions) Act, 1915, from raising the rent or terminating the tenancy of the premises. Whether any relief will be afforded to "J. L. P." by the Bill now before Parliament remains to be seen. In any case, however, the landlord is not entitled to increase the rent during the continuance of the existing tenancy, nor can "J. L. P." be ejected while the tenancy continues, provided he is not guilty of any act or omission rendering him liable to be ejected. The tenancy can only be terminated by notice, the length and expiry date of which depend upon the circumstances. As the matter appears to be somewhat complicated, we advise "J. L. P." to consult a solicitor.]

C. R. T. (81/29) asks, Can one manufacture and sell non-alcoholic beverages without a special licence, and if not, where can such a licence be obtained, and what would be the estimated cost of the licence per annum? [Every manufacturer for sale of non-alcoholic beverages which are table waters must hold an Excise licence, which may be obtained through the local officer of Customs and Excise, and costs 10*s.* a year. It expires on April 30 annually. "Table waters" are legally defined as any aërated waters and any beverages sold or kept for sale in bottles or in casks or other corked or closed receptacles, except (*a*) any liquor for the retail sale of which an Excise licence is required, such as intoxicating liquor; and (*b*) syrups or other liquors intended to be consumed in a diluted form. The manufacture can be carried on only on premises subject to Excise regulations, which require an account to be kept of all the beverages made. These are charged with an Excise duty as follows: (1) Fermented beverages or beverages made from sugar, 4*d.* a gallon; (2) herb beer, 2*d.* a gallon; (3) all other table waters, 8*d.* a gallon. If any liquor made is found on analysis at any time to have an original gravity of 1016, and to contain more than 2 per cent. of proof spirit, it is regarded as "beer," which can only be made by a licensed brewer.]

Miscellaneous Inquiries.

P. W. A. (37/14).—Antiseptic Lotion.—This appears to be merely a mixture of cresol antiseptic B.D.H., and water, in the proportion of one part to four of water.

P. & C. (85/54).—Rolling Cream.—An analytical examination of the sample of rolling cream shows that it consists of an animal fat (probably lard) benzoinated, a large proportion of boric acid, and a small quantity of lanolin. There is neither starch nor soap present. It is probably the large proportion of boric acid present which gives the characteristic "rolling" when the paste is used for massage purposes.

C. B. W. (63/18).—Valuation Terms.—The terms upon which chemists' businesses are sold vary widely. Frequently relatives or assistants who have been in the particular business for years obtain the business with very little ready money, but are allowed to pay off the purchase-price out of profits. Where no such personal influence exists a sum for goodwill is agreed upon, *plus* the valuation of stock and fixtures. If books are kept, a price can be agreed upon from the figures of profit there disclosed. Book debts are collected by arrangement. The term "goodwill" means (1) position, (2) assured trade, (3) guaranteed profits, (4) that the business is in good running order, and (5) that the profits will continue when the seller leaves. The last item—the most important—presumes that the buyer conducts the business properly. If there is no probability that the profits will continue, no goodwill should be paid.

W. C. (227/11) asks: "What is the proportion of net profit on a chemist's business selling mainly patents or proprietaries?" It would, we think, be very small—perhaps 5 per cent. if conducted with cheap labour, but would almost certainly mean a loss if qualified men were employed and no drugs were sold. The demand from chemists is 50 per cent. or 75 per cent. for such goods; hence the new movement for "face-value" giving 20 per cent. or 25 per cent. gross profit on the selling price. "Jay Mack" holds that the profit on drugs and packed goods is taxed to make up the loss or smallness of profit on patents.

G. Y. (67/36).—Veterinary Remedies.—The two horse-mixtures you send have been submitted to analysis, and we find them to be very similar as regards sp. gr. and total solids. An examination of the residue as regards its physical characters and behaviour with concentrated sulphuric acid and nitric acid shows it to consist of resin. We conclude, therefore, that each mixture is simply a solution of about one part of resin in fifty parts of methylated spirit. The directions state that after a horse has tasted the mixture a few times there will be no difficulty in getting the animal to drink it.

H. E. (93/66).—Greasy Heels in Horses.—The first essential of treatment in this disease is cleanliness. Wash the parts with soap and water, or poultice with bran or linseed, and add a little charcoal to the poultice. Give an aloetic purge, succeeded by the following daily, either in a ball or powder:

Cupri sulph.,		
Antim. nig.	aa.	ʒj.
Ac. arseniosi		gr. v.
Pot. nitras,		
Sulph. sub.	aa.	ʒj.

When the parts are thoroughly clean apply the following:

Tinct. cantharidis,		
Liq. ammon.,		
Ol. terebinth.	aa	℥ij.
Tinct. opii		ʒj.
Sp. vini		℥iij.

Signe: Rub a little on to parts, and repeat in six days if necessary. Two dressings are usually sufficient.

For other dressings see "Veterinary Counter Practice," which treats fully of this disease.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," March 15, 1869

Co-operative Cutting.

In certain parts of London Co-operative Supply Associations are seriously injuring the neighbouring chemists by selling medicines and perfumery at wholesale prices. Of course it is impossible to prevent men combining for their mutual benefit, and the efforts of underpaid clerks to make small incomes go as far as possible deserve encouragement. It seems to me, however, that the co-operative supply system is extended beyond its legitimate bounds when the wealthy classes are supplied with the luxuries of the toilet and the occasional necessaries of the sick chamber at prices such as no chemist doing a legitimate business can descend to. It has become a practice with these associations to supply fancy goods and patent medicines at wholesale prices, and to send prescriptions to certain chemists allied with them who allow 25 per cent. off the usual charges. Admitting the right of professional chemists and clerks to trade together, it becomes a question whether proprietors of patent medicines and other articles hitherto sold exclusively by chemists and druggists, are acting wisely in supplying their goods to these companies, who are selling them to the prejudice of their old legitimate customers.

Walter Wade.

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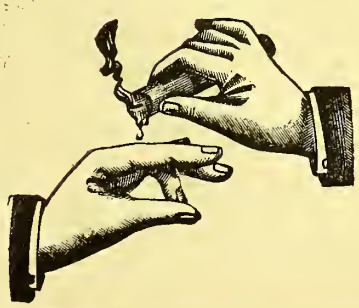

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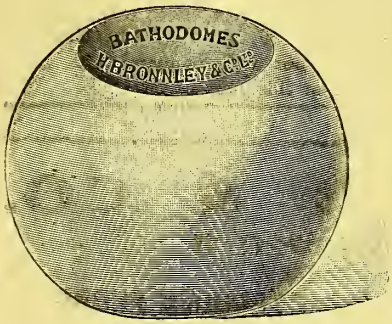

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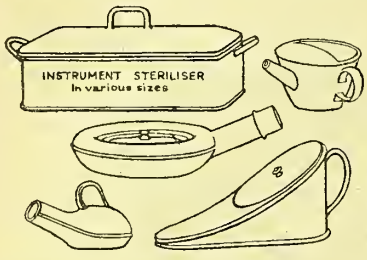

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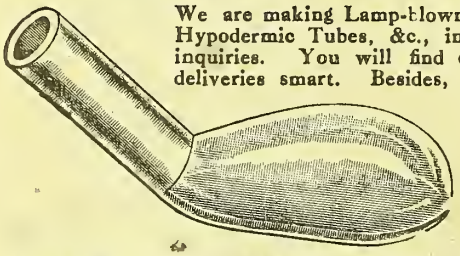

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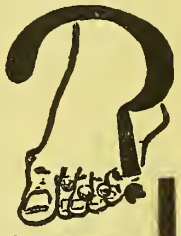

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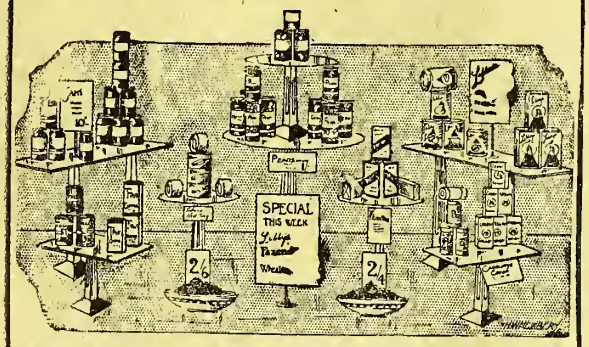

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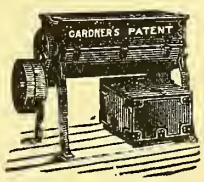

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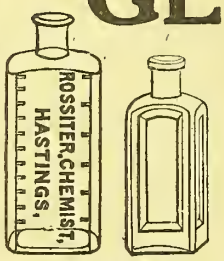

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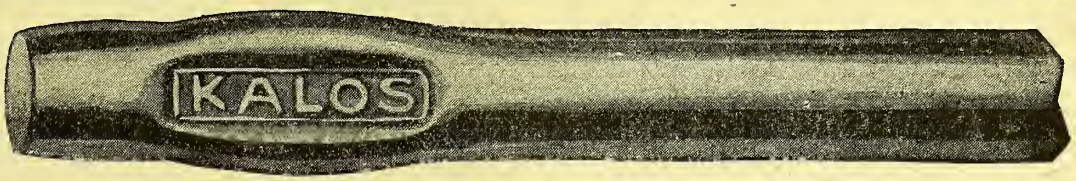

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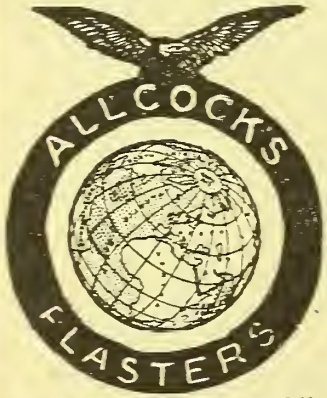

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FOR LADIES.

Prompt Supplies.

Quick Sales.

Good Profits.

Attractively and neatly packed for window display.

	No. 1	No. 2	No. 3	No. 4	
Small Quantity	14/6	18/9	24/-	26/6	per gross pkts.
½-gross assorted	13/6	18/-	23/-	26/-	,, ,,
1 gross assorted	12/6	17/-	22/-	25/6	,, ,,

AGENTS:—

JOHN TIMPSON & CO., Ltd., 104 & 106 GOLDEN LANE, LONDON, E.C. 1.

GRAMS: "Porous, London." 'PHONES: City 6910, 6911.

SOLUBLE QUININE PESSARIES

The **"SAFEGUARD"** Pessaries (of which we are sole proprietors) are compounded according to a formula which experience has shown to be absolutely the best for the purpose. Nothing but the purest drugs being used in them, they never fail, and can be recommended to customers with the utmost confidence.

PRICES.

	£	s.	d.
1 Dozen in Box, with directions ... ... Per Dozen Boxes	0	18	0

Special Quotations to Shippers and Wholesale Dealers.

5% discount allowed for prompt cash off above prices.

We are the right House for BRITISH-MADE GOODS—Anti-Rheumatic Rings, Bandages, Belts, Catheters, Combs, Enemas, Elastic Hosiery, Hot Water Bottles, Trusses, Splints, Water and Air Beds, Water and Air Cushions, Waterproof Sheeting, and every description of Rubber Goods.

ILLUSTRATED PRICE LIST POST FREE. OUR GOODS ARE RIGHT. MONEY BACK IF NOT SATISFIED.

BURGE, WARREN & RIDGLEY, LTD.,

91 & 92 GREAT SAFFRON HILL, LONDON, E.C. 1.

THE BRITISH RUBBER MANUFACTURES LTD.

Are now in a position to manufacture and supply at once the following goods:

HOT WATER BOTTLES (All Sizes) (Red)
HOUSEHOLD GLOVES (Red and Black)
AIR CUSHIONS
BATHING CAPS
RUBBER POUCHES (Pure and Compound)
ENEMAS
RUBBER TUBING
DOUCHE BAGS
INJECTION BOTTLES
MUFF BOTTLES
FOOTBALL BLADDERS

AGENTS:

LONDON & HOME COUNTIES:
W. & H. Greer, Ltd.,
41, Moorfields, E.C.2.

MANCHESTER & DISTRICT:
Hastings, Lang & Co.,
1, Roman Street, Church Street,
Manchester.

SCOTLAND:
W. A. M. Duff & Co.,
71, York Street,
Glasgow.

BRITISH RUBBER MANUFACTURES LTD.

Sales Dept.—
161, NEW BOND STREET, LONDON, W. 1.

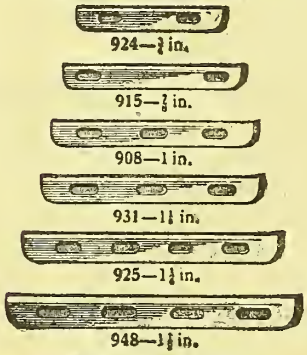
Phone (Works) - - - - Chiswick 1114 and 425.
Grams - - - - "Medrubico, Bush, London."

BRM LTD

ENGLISH MAKE

Metal Clips,

FOR COLLAPSIBLE TUBES



MADE IN ENGLAND BY

A. S. Cartwright Ltd.,
West Heath Works,
Northfield, Birmingham.

WE DO NOT MAKE TUBES—ONLY THE CLIPS.

WE STOCK, AS A RULE, 3,000 GROSS. Your inquiries, please.

GREAT RAT WAR

Mr. Daniell, Llangefni, writes: 25/2/19.
"Kindly send me 6 tins of your 'RODINE'; from the chemist here I can only get virus, a very useless thing comparatively."

"RODINE" the finest thing obtainable.

Mr. Tatlow, Pasture Farm, Ashbourne, writes:
"Please forward another 2/- tin of 'RODINE' for destroying rats. I believe it to be the finest thing obtainable for the purpose.
Are you the sole agent for 'RODINE'?

HARLEY, MANUFACTURING CHEMIST,
PERTH, SCOTLAND.

Export Agents:
Tozer, Kemsley & Millbourn, Ltd.,
84 Fenchurch Street, London, E.C. 3.

"I'm ready for the midday rush when I get my Norvic Crepe Bandage on."

"NORVIC" CREPE BANDAGE (Regd)

SUPERIOR ENGLISH MANUFACTURE. FAST WOVEN EDGES

Extremely Elastic, but contains no Rubber.

Invaluable for binding. Displaces rubber and elastic web. More durable and one-third the cost. The Norwich Crepe Bandages, containing wool, will provide warmth, and do not absorb grease readily. Self-clinging and self-adjusting. Perfectly cleansed, sterilised, and resiliency entirely restored by washing in hot soft water (with addition of a little soap). The edges will not fray out nor ravel. Made and supplied to the leading wholesale houses, neatly wrapped in labelled packages. Commended by the medical and nursing professions. Send for prices and samples to the sole manufacturers—

The NORWICH CRAPE CO. (1856) Ltd (St. Augustine's Silk Mills), Norwich, Eng.

Provincial Selling Agents, **Freese & Moon, Ltd.**, 59 Bermondsey Street, London S.E. 1.
London Buyers can obtain samples & prices from **Mr. T. Eastaway**, London Representative, 7 Wool Exchange, E.C.2

(4)

E. YOULDON, LTD.

MANUFACTURERS OF

GLASS BOTTLES

TREBY ST. (late Carter St.),
Maplin St., Mile End, London, E.

Established 1840. Telegrams: "Youldon, Bowbur, London. Telephone: East 132.

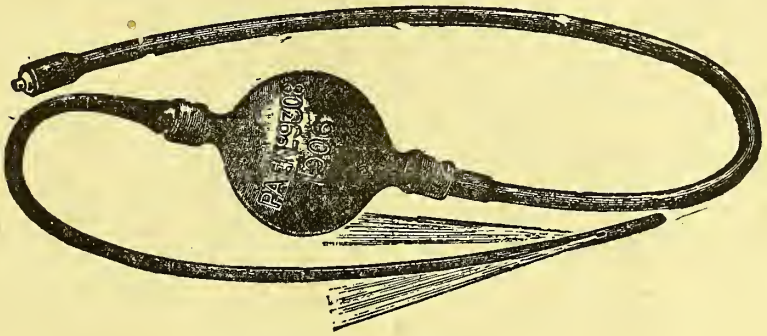
"HYDRION" A Powerful Antiseptic Tablet quickly soluble in water: for Dressing Skin Wounds, Lacerations, Compound Fractures, Burns, &c.

The formula of an eminent surgeon, obtained after years of scientific research and clinical application. "Sepsis," where directions are faithfully carried out, is unknown. *See* LANCET, *Dec.* 19, 1914, *pp.* 1438 *et seq.*

Write for Pamphlet and Free Sample.

The "NEW CENTURY" Urethral Syringe.

Price 3/6
Less Professional Discount.



Eng. Patent No. 9308. 1906.
Patented at Home and Abroad.

CHIEF POINTS OF VANTAGE:

(1) Simplicity and comparative comfort in use.
(2) Ease of complete sterilisation.
(3) Absence of hard material in construction.
(4) Remarkable absence of distress in use.
(5) Quickness in controlling discharge.
(6) Unlimited quantity of irrigating fluid.

COMPRESSED INJECTION TABLETS, SPECIALLY MANUFACTURED for use with the "NEW CENTURY" URETHRAL SYRINGE.

Each tablet makes half a pint of non-irritating injection.
Glass Tubes, containing 12 tablets, price 6d. each tube.

"DETERGOL" *BRITISH MADE WITH BRITISH MATERIAL.*

AN IDEAL ANTISEPTIC DEODORANT DISINFECTANT.

Contains 20% more Cresol than any other similar preparation.

Superior to any German Preparation.

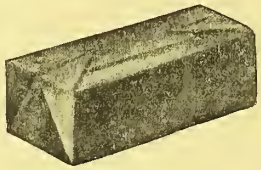
Surgical Instruments can be safely sterilised and disinfected in a few seconds without danger of corroding by using "**Detergol.**"

USED BY THE MEDICAL PROFESSION FOR FOURTEEN YEARS.

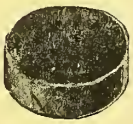
TABLETS, PILLS, etc., and
CHEMICAL and MEDICINAL PREPARATIONS of all descriptions
MANUFACTURED BY

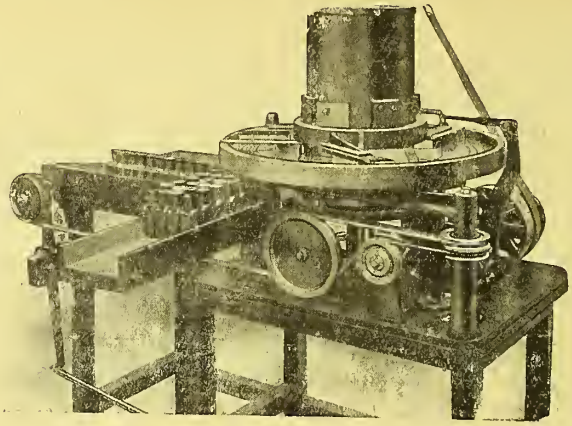
HOUGH, HOSEASON & CO. LTD.

Wholesale Manufacturing Chemists ***MANCHESTER.***
Contractors to H.M. Government.



MACHINES for
WRAPPING
LABELLING
COUNTING
FILLING



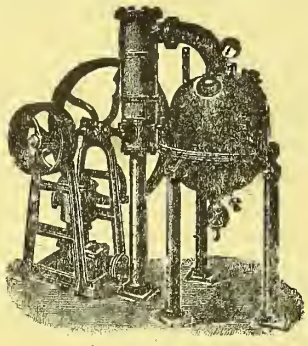


THE FORGROVE COUNTING
AND FILLING MACHINE

Forgrove Machinery Company, Limited

Dewsbury Road, Leeds
TEL.: 26586

81/83 Knightrider St., London
TEL.: CITY 1464

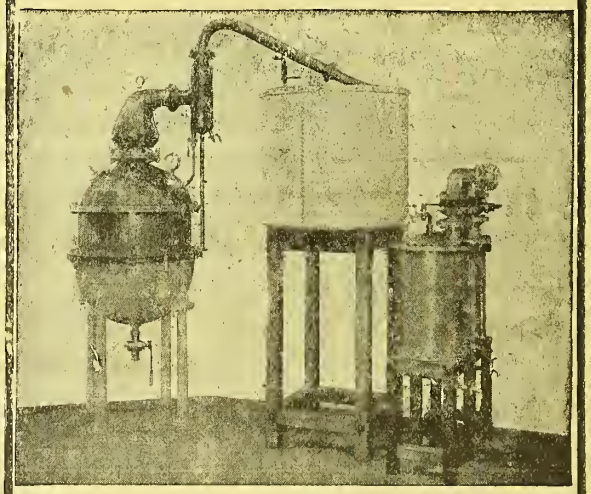


STILLS, VACUUM STILLS, VACUUM PANS.
EVAPORATING PANS.
AUTOCLAVES AND DIGESTORS.
SPECIAL APPARATUS AND PLANT FOR MANUFACTURING CHEMISTS.

SOLE MAKERS of BENNETT S PATENT 'IDEAL' ANNULAR FILM CONDENSERS.
SHEARS' PATENT MULSER.

BENNETT, SONS & SHEARS, LTD.
ENGINEERS & COPPERSMITHS,
43 & 44 Shoe Lane, LONDON, E.C. 4.

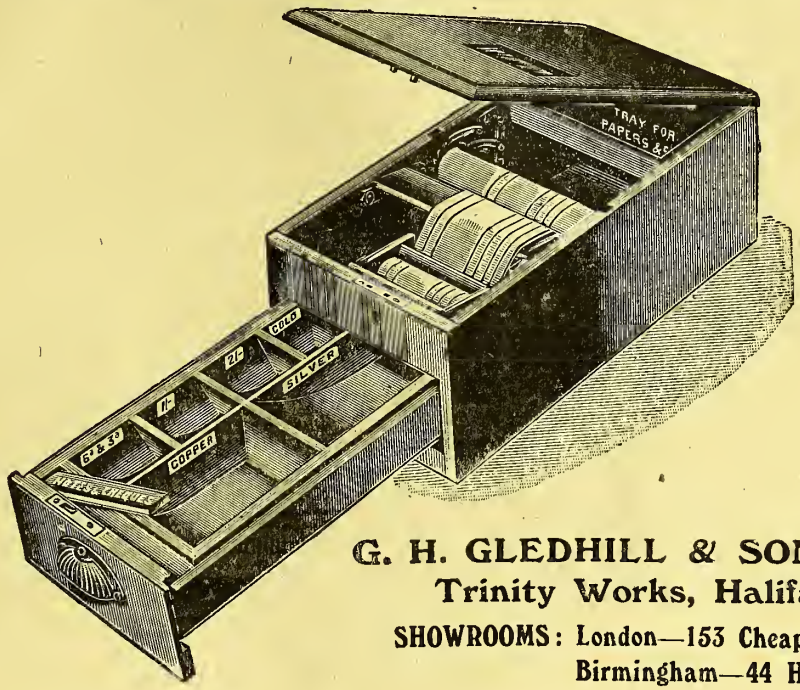
COPPER
Vacuum Distilling Apparatus



COPPER VACUUM STILLS
for FINE CHEMICALS, ESSENTIAL OILS, MALT EXTRACTS, Etc. Etc. Etc.

JOHN DORE & CO.
Distillers' Engineers & Coppersmiths,
28-30 HIGH STREET, BROMLEY, E. 3.

GLEDHILL TILLS.



G. H. GLEDHILL & SONS Ltd.
Trinity Works, Halifax.
SHOWROOMS: London—153 Cheapside.
Birmingham—44 Hill Street.

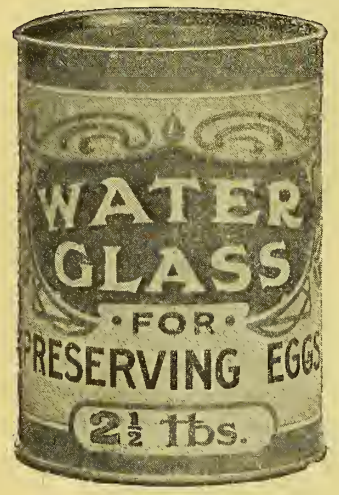
GLEDHILL Tills have been almost unprocurable during the war. We decided that it was more important to win the war than make cash tills, so turned our works over to the production of fine accurate munition work. Our experimental work was also turned over to war purposes, and early in 1917 Mr. A. H. Gledhill invented the Bomb-releasing Gears which are now standard on British Aeroplanes. We have manufactured enormous quantities of these gears. Our plant has been considerably augmented, and we are consequently enabled to make the Best Cash Till Better Still. We thank our customers for their patience, and are now endeavouring to clear off arrears of orders at full speed.

Order now to secure delivery immediately after the arrears in our books have been cleared.

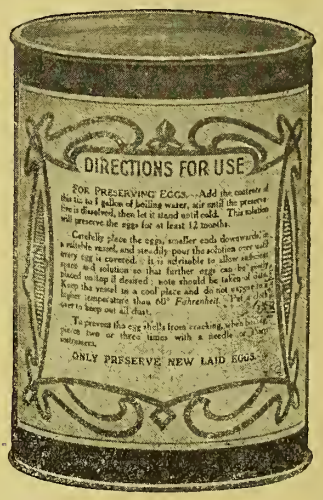
G. H. GLEDHILL & SONS Ltd., Halifax

MAY, ROBERTS'

Water Glass



Free Cases.
Free Carriage.
5% Discount.



May, Roberts' Water Glass for **Egg Preserving** is guaranteed to be of the finest quality and full strength (140° Tw.)

Packed in strong Government Standard Composite Drums, spun-on tops and bottoms.

1-lb. size - **5/6** per dozen.
Packed in free cases of 5 dozen each.
Smaller quantities than 5 doz., 6/- per doz.

2½-lb. size - **10/-** per dozen.
Packed in free cases of 2½ dozen each.
Smaller quantities than 2½ doz., 10 6 per doz.

5% DISCOUNT.

Two cases of either size or one of each sent CARRIAGE PAID.

MAY, ROBERTS & CO., Ltd.

7/13 CLERKENWELL RD., E.C. 1, and 16 WESTMORELAND ST., DUBLIN.

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, MARCH 29, 1919.

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., MUST BE PREPAID (except in the case of serial advertisers), and to ensure prompt insertion

REMITTANCES MUST ACCOMPANY INSTRUCTIONS.

Advertisements for the current issue cannot be received after first post on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done

PROVIDED the MONEY is TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C.4. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus, Cannon, London." (Three words counted as two.)

EARLIER CLOSING FOR PRESS.

WILL intending Advertisers please note that until further notice all Advertisements for THE CHEMIST AND DRUGGIST SUPPLEMENT must be in the Publisher's hands not later than

FIRST POST THURSDAY MORNING,

to be available for the issue published in that particular week. Owing to restricted postal deliveries it is advisable to *post* all communications on the Tuesday preceding the date of issue. Advertisements received after the time indicated will be inserted in the following week's issue.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—CITY (Ten Minutes from).—Ready-money Retail with N.H.I. Dispensing; established upwards of 50 years; returns, present rate, over £2,000; *net profit* £450 *to* £500; rent £60; new lease; vendor's own property; price about £850.

2.—LONDON, N. (Good-class Residential Suburb).—Retail and Dispensing Business; established many years; returns, present rate, over £2,000; no immediate opposition; well-appointed Pharmacy; rent £60; held on lease; price £850.

3.—KENT (Suburban).—Old-established Business, situate in shopping thoroughfare, and in close proximity to railway station; returns last year over £3,000; *gross profit between* £1,200 *and* £1,300; double-fronted shop; corner position; comfortable residence; terms to be arranged.

4.—LONDON, S.W. (Main Road).—First-class Dispensing and Retail Business; *gross receipts exceed* £4,000; well-appointed shop, fully stocked; excellent opening for two men with a knowledge of high-class trading.

5.—KING'S CROSS (Within Easy Distance of).—Old-established Business in good position in populous district; the net income is £386, and under energetic management can be increased; good house; rent £50; price £600.

6.—LONDON, S.W.—Cash Retail Business; present hands about 20 years; returns £2,000; *net profit* £650; stock and fixtures are estimated at £875; no N.H.I.; price £875.

7.—VICTORIA PARK (Near).—Ready-money Business, producing a *net profit of* £600 yearly; rent £38, including residence and stabling; case if desired; no near opposition; price £800.

8.—BERKS (Attractive Residential Town).—For immediate disposal, neglected Business, situate in main shopping thoroughfare, together with the freehold premises, for the sum of £750; good opening for an energetic man.

9.—SEAPORT TOWN.—Wholesale Business, comprising Surgical Instruments and Druggists' Sundries; gross receipts last year exceeded £11,000, and the average *net profit* for the past three years, after allowing for depreciation and bad debts, £1,042; further particulars will be furnished on receipt of a banker's reference.

10.—WANSTEAD (Within Easy Distance of).—Ready-money Business; established many years; returns, present rate, £1,500 at good prices; rent moderate; long lease; no immediate opposition; price £500.

11.—KENT.—Unopposed Business, comprising good-class Family trade, with general country Retail: returns average £1,200 per annum; *net profit approximately* £300; comfortable residence; rent £40; held on lease; price £600.

12.—LINCS (Busy Market Town).—Mixed Business, with good Optical connection; returns last year £8,400; *average net profit for three years,* £1,147 yearly; commodious premises; vendor's own property; terms, valuation of stock and fixtures, plus premium for goodwill.

13.—WESTERN COUNTY.—For immediate disposal, good-class Family Retail and Dispensing Business, with Photographic branch; the concern has been established upwards of 60 years, and held by vendor 43; now retiring; returns last year £1,764; *gross profit* £541; roomy house; price about £1,000, or valuation terms would be considered.

14.—LANCASHIRE (Large Town).—Ready-money Business; returns £1,035 at good prices; rent £20; rates and taxes, £8 10*s.*; lease if desired; price £550.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone **Profit**, the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BRETT & CO.

Transfer Agents & Valuers,

73 LAUREL ROAD, LEICESTER.

£5,745 RETURNS, INCREASING. NORTH MIDLANDS.—Good general middle-class Retail; proved net profit £2,219; good introduction given; price, valuation of stock and fixtures, about £2,500, and goodwill to be mutually arranged.

£940 RETURNS. LINCOLNSHIRE.—Light Cash Family Retail; can be much increased; vendor over 70; price, valuation of stock and fixtures, about £400.

£3,500 RETURNS. WEST.—Good-class Retail; fair Dispensing, and sale of own Proprietaries; net profit £620; price £3,000.

WE HAVE BUYERS FOR ALL CLASSES AND SIZES OF GENUINE BUSINESSES.

BERDOE & FISH

VALUERS & TRANSFER AGENTS

35 Jewry Street, Fenchurch Street, E.C.3.

Telephone: 1809 Central.

NO CHARGE TO PURCHASERS.

1.—MIDLANDS.—Sound progressive Cash Retail in healthy and growing locality; returns over £2,100; *net profit* £750; handsome modern-fitted Pharmacy; fine position; well stocked; modern built premises; low rent; owner retiring; price £1,500; only cash buyers entertained.

2.—ESSEX COAST.—Select Retail Dispensing and Photographic Business in best position; returns last year £1,370; *net profit* £422; pre-war returns £1,800; good house and Pharmacy; price £100 and valuation; in all about £850; personally recommended.

3.—SURREY (Suburb).—Good-class Retail and Dispensing Business in good position; returns £1,800; *net profit nearly* £450; books well kept; very convenient house; price about £900.

4.—MIDLANDS (Busy Industrial Town).—Genuine Cash Retail and Prescribing Business; returns £1,280 under Manager; *net profit* £350; plenty of scope; low rent; small house; fine modern-fitted shop, fully stocked; death cause of sale; price £500; strongly recommended.

5.—NOTTS.—Old-established Cash Retail; returns average £50 weekly; handsomely fitted Pharmacy and well stocked; low rent; on lease; price simply valuation, between £500 and £600.

6.—WESTERN COUNTY (Inland Health Resort).—First-class Dispensing and Light Retail for Sale through death; returns about £1,250; has done much more and can again; good residence; low rent; handsome Pharmacy, heavily stocked; price £1,100 or valuation.

7.—LONDON (Western Suburb).—Light Retail Dispensing and Photographic Business; returns over £1,350; *net profit, about* £500; large handsomely fitted shop, fully stocked; price £800, or £100 and valuation; trial can be had.

8.—LONDON, N.—Light Family Retail and Dispensing, with good Optical connection; returns £1,400, increasing; *net profit about* £400; well fitted and stocked; small house; price £750, or near offer; recommended.

9.—LONDON (Essex Suburb).—Profitable Light middle-class Cash Retail; practically unopposed; returns over £1,000; *net profit* £436; books properly kept; well fitted and fully stocked; price £500.

BUSINESSES WANTED.

We are in immediate want of sound concerns, returning up to £3,000, in town or country, especially South Coast, Midlands, and North; cash buyers waiting. Intending vendors are cordially invited to correspond. Terms sent on application. Established 1870.

PARTNERSHIPS.

ADVERTISER, to be discharged about the first week in April, wishes to invest £2,000 and acquire an interest in any good commercial or manufacturing business with good prospects; qualified Chemist and Druggist; 40 years of age, well educated and intelligent, with good commercial knowledge; character irreproachable; nine years' Colonial experience; Glasgow preferred; replies treated with strict confidence. Apply 76/1, Office of this Paper.

IN PRIZE.

By Order & for Account of the Marshal of the Admiralty.

To be SOLD by PUBLIC TENDER,

21 Butts ARGOLS

(Approximate weight about 10 tons).

Ex SS. "EBRO" (per TYR).

Tender, in envelopes marked "Tender for Argols," and addressed to the Admiralty Marshal, Royal Courts of Justice, London, W.C.2, must be received not later than noon on Wednesday, April 9, 1919. Further particulars may be had on application to D. W. Greenhough & Son, Brokers, 21 Mincing Lane, London, E.C.3.

BUSINESSES WANTED.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

NORTH-EAST or North-West.—Popular seaside resort or good suburb.—Good-class Dispensing and Cash Retail, returning a net income of £300 to £400, with scope for increase; must have good house attached; spot cash will be paid; please give full particulars of business, house, neighbourhood, and what competition. Apply "A. W. T." (77/17), Office of this Paper.

SOUTH OR SOUTH-EAST COAST.—Wanted, a good sound Business (high class or middle class) for spot cash, returning about £2,000. Replies, stating lowest price and net profit (in confidence), to "Statim" (75/6), Office of this Paper.

A SOUND Business wanted; London or Home Counties; good Dispensing and Counter trade which will bear strict investigation; would consider partnership; fullest particulars in first instance in confidence will save trouble. "H.," o/o 113 East Dulwich Grove, S.E. 22.

ADVERTISER (at present unqualified) requires a Business in the West End or immediately near on easy terms; neglected business with sure scope for increase not objected to; lock-up shop would suit; replies treated in strict confidence. "Rhei" (73/19), Office of this Paper.

BUSINESS wanted, showing a net profit of not less than £500: Midlands or South preferred. Apply 76/26, Office of this Paper.

BUSINESS wanted which can be run as a Drug Store; cash up to £350, if more by instalments; must bear investigation; not London; Midlands preferred. Apply 77/21, Office of this Paper.

BUSINESS wanted; London or country; returns £800 to £1,500. Full particulars to "Tangent" (76/38), Office of this Paper.

LIGHT Retail and Prescribing country Business; returns £1,000-£1,200, with scope for increase; southern county preferred; good house attached; must bear strict investigation. Full particulars (in confidence) and price to "X. Y. Z." (74/33), Office of this Paper.

PHARMACIST seeks small Business; neglected or otherwise; living accommodation essential; Southern Counties, not London or suburbs; or management, view early succession. Full particulars to 75/1, Office of this Paper.

PHARMACIST requires good-class Business taking £40 to £50 weekly, with comfortable residence attached; seaside or southern town preferred. Apply 76/4, Office of this Paper.

WANTED, a small Business, with house attached, in middle or working class district; Midlands or South; neglected one entertained if position good; prompt settlement for suitable concern. Kindly give full particulars, which will be treated as confidential. 75/23, Office of this Paper.

WANTED, a Drug Stores, in or near London, on easy terms or view to succession; a neglected business not objected to if there is scope for increase. All particulars to "Herogen" (77/7), Office of this Paper.

WANTED, a good medium-class Business, with scope for increase; must bear the strictest investigation; small residence desirable; Managership, with a view to early succession, would be entertained. Reply in confidence, giving full particulars, to "G. W." (78/7), Office of this Paper.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

BIRMINGHAM.—Old-established Family and Prescribing; industrial populous neighbourhood; cash only; smalls; good corner premises; vendor's own; retiring; at present Drug Store; opening for Insurance and Dentistry; progressive and remunerative; good Proprietaries; valuation. Apply 70/33, Office of this Paper.

DOVER.—For Sale, by private treaty, good-class Chemist's Business; now in widow's hands; Insurance Dispensing more than pays establishment charges; references and books can be had. Mrs. Forster, Castle Street, Dover.

LIVERPOOL.—For disposal, a good-class suburban Retail and Dispensing Business; long established; takings average about £200 a month; present owner retiring; price £1,200 or valuation. Apply "Fervex," Messrs. Evans Sons Lescher & Webb, Ltd.

LONDON.—Genuine Cash Retail and Dispensing Business near City, showing returns of about £108 per month; well fitted and stocked; present hands about 10 years; small house; price £485. Apply "Juniper" (77/28), Office of this Paper.

LONDON, S.W.—Good-class Retail and Dispensing Business for Sale, with growing Optical connection, in residential neighbourhood; returns over £1,200; always increasing; shop splendidly fitted; rent £55; price £500 cash; good private house; separate entrance; electric light, bath; reference before further particulars are given; owner retiring. Apply 74/38, Office of this Paper.

MANCHESTER.—For Sale privately, old-established, double-fronted, large Shop on main road; moderate price; full particulars to genuine buyers. Apply 78/15, Office of this Paper.

S.W. SUBURB.—Main shopping thoroughfare; Drug Store; mahogany fittings; good working stock; £16, plus £6 10*s*. Optics; moderate house accommodation; small garden; business neglected through war; good opportunity to develop immediately; excellent scope, especially for qualified man; no N.H.I.; few Patents; would give purchaser introduction; rent £40; price £275 inclusive. Further particulars, apply 80/2, Office of this Paper.

SCOTLAND, N.—County town (pleasantly situated); Chemist's Business; turnover last year £1,400; present takings about £30 per week; stock and fixtures at valuation; estimated £600 to £650, with small goodwill; owner wishes to purchase larger business. Apply "Scot" (71/40), Office of this Paper.

YORK.—A good all-round Retail Business for Disposal; returns £2,500; excellent business and residential premises, etc. Apply Parker, Chemist, Micklegate Bar, York.

AN old-established Mixed country Business; no heavy trade; same family 70 years; doing over £2,000; strictest investigation; owner retiring. Apply "H." (70/8), Office of this Paper.

BARGAIN.—For Sale at less than pre-war price, freehold premises, comprising Chemist's shop and house, together with trade fixtures and fittings, stock, and nucleus of business; in splendid position in the popular residential town of Maidenhead; proprietor neglected business during war and now ordered abroad; for quick sale £750 would be accepted for freehold premises, fixtures, stock, and everything; immediate possession. Write "H.," "Boynleigh," 54 Bath Road, Maidenhead.

EXCELLENT opportunity for a young man, qualified or not, to acquire a Light Retail and Dispensing Business on very easy terms; modern premises; single man could let off more than half rent; part cash; rest easy instalments; first-class opening for energetic man. Apply 68/27, Office of this Paper.

FOR Sale, Business of a well-known registered Patent Medicine, which has forged ahead for over 60 years on its intrinsic merits; patronised by Royalty, and possessing Royal testimonials; 90 per cent. of the customers recommend it; fortune to be made if well advertised; ill-health sole cause of selling; no plant or machinery; distribution entirely through London Wholesale houses and few well-known Retail firms; turnover £2,000 per annum; net profits £1,100, with small employment of female labour; every investigation; hundreds of unsolicited testimonials; what offers? or would entertain partnership. [Will the firms and individuals who replied to this advertisement please note the price, £8.000 or nearest offer? Latest order received from one of the leading Retail houses £132.] Apply 64/150, Office of this Paper.

BUSINESSES FOR DISPOSAL (*continued*).

FOR immediate Disposal, unopposed Business in South Wales colliery district; turnover over £2,000; profits above average; business chiefly Prescribing and Counter trade; good scope for Dentistry and Optics; no N.H.I.; owner retiring; low price for quick sale. Apply Williams, "Brynawel," The Parade, Whitchurch, Cardiff.

FOR Sale, good-class colliery district Business, capable great increase; no N.H.I. or side lines; rent £36, paid by one Proprietary, increasing yearly; good house, h. and c.; price, year's profit, £225; fortnight's trial allowed; owner, 70, retiring. Apply 71/33, Office of this Paper.

GOOD old-fashioned Prescribing and General Retail Business for Sale in North Wales; owner retiring; open to investigation. Apply "Cymro," Evans Sons Lescher & Webb, Ltd., Liverpool.

GOOD old-established country Prescribing and Agricultural Business, with scope for increase; good dwelling-house, large warehouses, etc. Apply Mrs. Gray, Barton-under-Needwood, near Burton-on-Trent.

PHARMACIST, owning premises, failing health, seeks successor; old-established, good-class Light Retail Business; well-known health resort within 50 miles London; personal inspection invited; suit young energetic man, good window-dresser; lock-up shop; main road, between two stations; only principals, stating experience, answered. Apply 76/34, Office of this Paper.

SALES BY AUCTION.

REMOVED FROM CANNON STREET, E.C. 4.
SALE ROOMS, 62a ALDERSGATE STREET, LONDON, E.C. 1.
The Valuable Stock of an
OPTICIAN AND PHOTOGRAPHIC DEALER,
including Drawing Instruments, 10.000 Mounts, Albums, Plates, Paper, Chemicals, Field and Opera Glasses, Thermometers, Dishes, Enlargers, Microscopes, Studio Stand, and Hand Cameras, 11 in. Zeiss Double Protar F 6 3, and other Lenses, Lanterns, Slides, Measures, Gold Steel, and various Spectacle Frames and Lenses, 3 ft. 6 in. Lathe, small Sawbench, Cinematograph Apparatus, and effects which will be sold by Auction by
MR. FRANK G. BOWEN
at his SALE ROOMS, as above, on
THURSDAY, APRIL 3,
at eleven o'clock.
On view day prior. Catalogues of the Auctioneer.

FOR SALE.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

CARBOY of Formaldehyde for sale; what offers? Martin & Son, Chipstead, Sevenoaks.

DENTAL Show Case, mahogany, 17½" × 18", mirror back, glass shelves, electric lights, airtight; also Show Pieces; 12 Forceps and Syringe; nearly new; what offers? Seen 269 West End Lane, N.W. 'Phone North 944 for appointment.

FOR Sale, Pulv. Acid. Boric. Subtil. in 2-cwt. cases, at 71*s*. 6*d*. per cwt., ex Works, London. Apply 79/14, Office of this Paper.

TO CHEMICAL MANUFACTURERS.—Factory near Bristol; 14,459 super. ft; 3½ acres land; unlimited water supply; own electric light; heated throughout; price £8.000; close to station; labour plentiful. J. P. Sturge & Sons, Surveyors, Bristol.

5 CWT. Sodii Sulph. Feathery Crystals; about 700 8-oz. tin Canisters, pull-off lids; 2,000 Pieces Corrugated Paper, 6 × 9½; 4 Rolls Corrugated Paper, 18" × 250"; what offers? Slinn, Chemist, Rhyl.

AGENCIES.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

DUBLIN CITY firm, old-established connection amongst Wholesale trade, at present representing leading Manufacturers, highest references, open to undertake Agency for Ireland for first-class house. Apply 45/29, Office of this Paper.

EUROPEAN COUNTRIES AND AFRICA.—Buying Agents wanted for Antiseptic and Medicinal Drug, Iglodine; exclusive agencies; good terms. The Iglodine Co., Ltd., Newcastle-on-Tyne.

FRENCH Traveller in Drugs and Perfumery, with highest references and a valuable clientele in Paris and suburbs, desires to get in touch with firms supplying crude materials and specialties for Druggists and Perfumers, with a view to representation. Address Marcel Gueret, 2 bis rue Tarbé, Paris, 17 Adt.

IRELAND.—Advertiser, in close touch with medical profession, and with premises in Dublin for carrying stock, open, if appointed sole Wholesale distributor to the trade, to develop business in Therapeutic products and allied lines advertised only to doctors. Write, giving terms and particulars, to "Rep." (72/27), Office of this Paper.

PORTUGAL.—Well-established firm at Lisbon with very good connection among dealers in Chemicals and Drug products desires to represent first-class houses manufacturing Ink Powders, Chemical Colours, and Chemical Products generally, for all industries; successful results guaranteed; good references. Address 17/15, Office of this Paper.

AGENTS wanted in Birmingham, Manchester, and the chief provincial centres, for the "Kenney" leg; must be able to take measurements and fit. Write, The "Kenney" Limb Co., Ltd., 45 Bedford Row, London, W.C. 1.

REQUIRED, by established Company with offices in Liverpool, Agencies in Lancashire and Yorkshire, and Export to British Colonies, for sale of Drugs and Fine Chemicals; travelling staff available; full details. Address 79/5, Office of this Paper.

TO MANUFACTURERS.—Advertiser, with long-established connection and central London office, is open to undertake sole London Agency for all classes of goods suitable for home and export trade; Wholesale Druggists' Sundriesmen, Surgical Appliance houses, and Shippers; business is opened and supervised personally by principal, thus assuring closest relations between manufacturers and their clients; bank and business references given. Apply 76/12, Office of this Paper.

WANTED, Wholesale Distributing Chemists (registered) to act as Agents for United Kingdom by firm making an anæsthetic for Dentists; excellent testimonials; firm of sound repute only entertained. McAuley, 51 Gorton Street, Blackpool.

CONTINENTAL BUSINESS.

WELL-ESTABLISHED British City house, with branch offices in Belgium and agents in all important centres, are willing to entertain serious business propositions for export and consignment to the Continent. Bank and trade references available. Reply in confidence, Box R/C.R., c/o Davies & Co., Finch Lane, London, E.C. 3.

ROOMS WANTED.

LOCUM Tenens wishes to meet with Chemist in central or west central London who can let one or two rooms (payment in cash or services), or live together. "W. B. B.," 41 Store Street, Bedford Square.

TO LET.

TO Dentists.—Premises with big connection will be let to suitable tenant; main road, unfurnished, over good Pharmacy. Apply Manager, 61 West Ham Lane, Stratford, E.

TO Let, Business Premises with house, London Road, St. Leonards-on-Sea; excellent position in main thoroughfare. For particulars apply Mrs. Angliss, 115 High Street, Rochester.

TO Let, Lock-up Shop; splendid opening for a high-class business in the best residential part of Southport. Apply 38 Park Road, Southport.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

RETAIL.

AYLESBURY.—Unqualified Assistant (outdoors) for Dispensing and brisk Counter; short hours, closing 7 o'clock. Sunday and Thursday half day free; state usual particulars. A. G. Wright, Chemist, Aylesbury.

BEDFORD.—Qualified Manager wanted for good-class branch; comfortable berth, with prospect of advancement. Particulars and references to Taylor, Brown & Flood, Ltd., Bedford.

BEVERLEY.—Wanted, Junior Assistant; state age, experience, salary required, photo if convenient; easy hours. J. G. Anderson, Pharmacist, Beverley, Yorks.

BIRMINGHAM.—Qualified (outdoors), for quick Counter trade and N.H.I. Dispensing; short hours, weekly half-holiday, no Sunday duty; state salary and experience, etc. Atkinson, Rexall, Chemist, Six Ways, Birmingham.

BOURNEMOUTH.—Junior or Improver for good-class Retail business. State experience, age, height, salary (outdoors), when disengaged, with photo and references, to W. Bland Botham, Pharmaceutical Chemist, The London Pharmacy, Bournemouth.

BRIGHTON (outdoors).—J. Colby & Co., 101 Western Road, require a competent male Assistant well practised in Dispensing and Counter work. Applicants asked to apply by letter only, and state in first letter age, height, salary required, and where experience has been gained; also to enclose photo if possible.

BROADSTAIRS.—Junior Assistant required in a good-class Retail and Dispensing business on the South-East Coast; must be a reliable Dispenser, and have some knowledge of the Amateur Photographic Department; if possible enclose photo, and state age and salary. Julian Horrell & Son, Chemists, Broadstairs.

CARDIFF.—Wanted (immediately), smart Junior Assistant or Improver. Send full particulars first letter, Robinson, Chemist, 134 Whitchurch Road, Cardiff.

CARDIFF.—Junior Assistant for Retail (outdoors); knowledge of Photography. Send references, salary, photograph to Ducks', Ltd., 7 James Street, Cardiff.

DARLINGTON.—Manager required; abstainer preferred; age about 35. Apply, with full particulars, to Waters, Chemist, Darlington.

DONCASTER.—Required (immediately), a competent Assistant for a General, Family, and Dispensing business conducted on progressive lines; preferably single (owing to house difficulty). Apply, giving full particulars as to age, height, experience, whether qualified or unqualified, and salary required (outdoors), to M. H. Stiles & Son, The Rexall Pharmacy, Doncaster.

GRIMSBY.—Wanted, smart Junior for high-class Drug Stores. Please state age, salary required, and references to Geo. W. Cooling, 103 Victoria Street, Grimsby.

HARROGATE.—Wanted, Junior Assistant for Light Retail and Dispensing business; outdoors. Full particulars to Leo. Benjamin, 57 Cold Bath Road, Harrogate.

ILFORD.—Wanted, unqualified Assistant; accustomed to quick Retail and N.H.I. Dispensing (outdoors). Apply, with usual particulars and salary required, to J. Patterson, 52 Ilford Lane.

LITTLEHAMPTON.—Junior Assistant or Improver required for Counter and Dispensing, in good-class Retail and Dispensing business. Apply, giving full particulars of experience, salary (outdoors), when disengaged, etc., to Longman, Dispensing and Photographic Chemist, Beach Road, Littlehampton.

LIVERPOOL.—Qualified Assistant (at once); good-class business. State age, height, experience, salary (outdoors), and references, to John Bain, 4 Quadrant, Lime Street, Liverpool.

LLANELLY.—Wanted (at once), an Assistant (unqualified). Please state age, salary required (outdoors), and reference, to John Gower, Chemist, Vaughan Street, Llanelly, Carmarthenshire.

LONDON, E.—Unqualified Assistant required for Business in working-class neighbourhood; N.H.I. Dispensing; good salary to right man. Apply "Aspirin" (77/11). Office of this paper.

LONDON, N.—Wanted, an Assistant with good all-round experience for a middle-class Retail with N.H.I. Dispensing. Apply, with full particulars of experience, names of references, when disengaged, and salary required (in- or out-doors), Barnard & Son, 115a Stoke Newington Road, London, N. 16.

LONDON, N.—An Assistant, unqualified, required for a Light Retail and Dispensing business. Apply, stating salary required and usual particulars, to F. J. Sandberg, 22 Regent's Parade, N. Finchley, N. 12.

LONDON, S.E.—Wanted, an experienced Assistant (outdoors); permanency; good Counterman and with knowledge of Photography preferred. Apply by letter, stating age, experience, salary required, and when disengaged, to S. W. Rumsey & Son, 535 Lordship Lane, S.E. 22.

LONDON, S.W.—An experienced Assistant required for high-class Dispensing business. Apply, with full particulars, to Messrs. Amoore & Co., 173 Sloane Street, S.W.

LONDON, S.W.—Unqualified Assistant (outdoor) for Dispensing and Counter; must be quick and accurate. Apply, with particulars, 76/33, Office of this Paper.

LONDON, W.—Wanted, for West-End business, energetic qualified Assistant. Please state full particulars and salary required to "M.," c/o Burden & Co., 78 Duke Street, Grosvenor Square.

LONDON, W.—A Junior Assistant (outdoors); he must have good knowledge of Dispensing and Counter work. Apply W. F. Pasmore, 320 Regent Street.

MANCHESTER.—Qualified Manager wanted for high-class shop in City; quick Light Dispensing and Photographic business; good salary and commission. Apply by letter, Bryan & Spedding, Ltd., 36 Spring Gardens, Manchester.

MARGATE.—Gentlemanly Assistant (outdoors); about 24; good-class Retail and Dispensing business. Full particulars previous experience, age, height, salary, when disengaged, W. M. Rosser, Baily & Co., 2 Ethelbert Terrace, Margate.

MIDLANDS.—Elderly qualified man required; must be active and a good Dispenser; permanency. Apply "W." (78/12), Office of this Paper.

NOTTS.—Unqualified Assistant for Light Retail and Photographic trade; state full particulars. Apply "Midland" (99/11), Office of this Paper.

SANDOWN, ISLE OF WIGHT.—Wanted, smart unqualified Assistant, with good Dispensing experience (also a good Junior as well), for high-class Pharmacy; easy hours. State age, salary required (outdoors or indoors), etc., to Woollings, Chemist, Sandown, Isle of Wight.

SHEFFIELD.—Junior or Improver (outdoors) required for Dispensing and brisk Counter. Full particulars, salary required, to 75/22, Office of this Paper.

SHEFFIELD.—Qualified Assistant to Manage Branch. Full particulars, age, experience, salary required, etc., 79/12, Office of this Paper.

SOUTH OF ENGLAND.—Assistant required (male or female); free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

SOUTHPORT.—Urgently wanted, Manager, smart and capable, for busy Shop; qualification essential, and one seeking a permanent situation preferred; good wages and commission will be paid to a suitable man. Also for Hyde, Cheshire, qualified Assistant for good working-class Business. Apply Frank Battersby, Chemist, Southport.

SOUTH KENSINGTON.—Smart, unqualified Assistant required on April 22nd; a quick and accurate Dispenser, used to high-class business; salary £4 per week (outdoors); permanency; hours 9 a.m. till 8 p.m., Saturdays 9 p.m., some Sunday duty on alternate Sundays; state age, height, and details of experience. Apply 75/20, Office of this Paper.

SOUTHAMPTON.—Smart, young, qualified Assistant required; Optics and Photography preferred; progressive position; permanency. Reply, stating full particulars, to W. Bates & Co., Ltd., 50 Oxford Street, Southampton.

WALSALL.—Competent Junior wanted; quick and accurate Dispenser. Apply, with full particulars if possible, enclosing photograph (to be returned), state salary required (outdoors), G. Elliott & Son, Pharmaceutical Chemists, Walsall.

WORCESTER.—Competent Assistant required; accustomed to first-class business; state age, references, salary required, and say when disengaged. Apply G. A. Turner, 12 The Foregate, Worcester.

A COMPETENT Junior Assistant (unqualified), outdoors, for good-class Retail business within easy reach of Manchester. Apply, stating full particulars and salary required, to J. D. Reynolds, Pharmacist, Bramhall, Cheshire.

A JUNIOR Assistant required for a Dispensing business; outdoors; one who has had a regular apprenticeship in a first-class business preferred. State particulars of experience and salary required, and enclose photo, to Mr. Brooke, Chemist, Beaconsfield.

AN experienced trustworthy Assistant required to take charge of Light Retail and Dispensing business; hours easy; no Sunday duty. Please apply, giving references, salary required, and usual particulars, enclosing photo if possible, to Hitchman & Son, Gold Street, Kettering.

ASSISTANT required for good Dispensing business; no N.H.I. State full particulars, age, experience, references, and salary required (outdoors) to W. A. Weston, 8 Sandringham Parade, Ealing, W. 5.

ASSISTANT for Dispensing and Agricultural business; good hours, no Sunday duty. Full particulars and salary required (outdoors) to Baker & Son, Chemists, Chichester.

MANCHESTER CHILDREN'S HOSPITAL, PENDLEBURY, OUT-PATIENTS' DEPARTMENT, GARTSIDE STREET, MANCHESTER.

ASSISTANT Dispenser required. Commencing salary £120 per annum. Forms of application to be obtained from the undersigned, and must be returned on or before 8th April, 1919.

By Order of the Committee,
W. M. HUMPHRY,
Secretary.

March 22nd, 1919.

ASSISTANT required in brisk county trade, Midlands; must be expert Extractor. Please give full details to 75/26, Office of this Paper.

ASSISTANT, competent (outdoors), for brisk Counter and N.H.I. Dispensing; salary £3 10s. Apply F. White, Ltd., Chemists, 157 Commercial Road, E.

ASSISTANT (unqualified) wanted for quick Retail and N.H.I. Dispensing. Apply, with references and salary required, to B. W. E. Beard, 281 Forest Road, Walthamstow, E. 17.

ASSISTANT, qualified or unqualified, accustomed to good-class Business; good Counterman and Window-dresser; Permanency; state age, married or single, experience, references, and salary required; enclose photo if possible. Apply "Mahnots" (79/19) Office of this Paper.

CURTIS & CO. have vacancy for qualified Dispenser; male. Apply W. J. Jameson, 48 Baker Street, Portman Square, W.

DISPENSING Chemist (male), with Royal Pharmaceutical Society's qualifications and practical knowledge of Photographic work, required at London County Mental Hospital, Colney Hatch, New Southgate, N. 11; £130 a year, rising by £10 a year to £200; in addition (for present year), war bonus and other extra payments at rate of £86 a year; no emoluments; preference given to candidates who have served with H.M. Forces; appointment subject to medical examination; pensionable. Full particulars on form of application (on which alone application must be made), obtainable from Asylums Officer, London County Council, 13 Arundel Street, Strand, W.C. 2. Stamped addressed envelope must be sent. Application must be received by 11 a.m. on Tuesday, 8th April, 1919.

EXPERIENCED Assistant wanted for good-class Family and Dispensing business (capable of taking charge); outdoors; permanency. Apply, stating full particulars, age, experience, salary required, Bolton & Maclachlan, Chemists, Epsom.

FOR working-class district in Liverpool, wanted, qualified, middle-aged or elderly Assistant; National Insurance Dispensing and lively Counter trade. Apply, with particulars, 75/24, Office of this Paper.

INDOOR Assistant required (at once) in country town; discharged R.A.M.C. man would be acceptable; send references, salary required (indoors); hours 9 to 8, half-day Thursdays, little or no Sunday duty. Apply 73/8, Office of this Paper.

JUNIOR or Improver (male) for good-class Dispensing business; short hours; indoors. State experience, references, height, and salary required in first letter (photo if possible), Williams & Smith, Horsham.

LADY Dispenser (qualified) wanted for two weeks in May: outdoors; no Sunday duty, one day off at 1. State experience, references, salary required, and date available, H. Barnett, Chemist, Hythe, Kent.

LADY Assistant of good address; must have had good experience in Dispensing. State qualification, age, height, experience, salary, and when disengaged, Messrs. G. T. W. Newsholme, Ltd., Dispensing Chemists, 27 High Street, Sheffield.

LADIES, two, for good-class businesses; with and without Minor qualification; former to assist proprietor managing head shop and buying for several branches; latter for Counter; good Saleswoman essential; interview or photo in first instance. Experience and salary expected, Matthews & Son, Chemists, 722 High Road, Leytonstone.

LEWIS & BURROWS have a vacancy for a Junior Assistant in the West End. Apply, with full particulars, to 146 Holborn Bars, E.C.

LOCUM required (immediately) for a good-class Light Retail business; outdoors. State full particulars and salary required to W. H. Broomfield & Co., New Forest Pharmacy, Lyndhurst, Hants.

MANAGER (qualified) required at once; small country business; married; age 30 to 45; live out. Reply, stating references, full particulars, and salary required, by letter to Lambert, 52 Aldborough Road, Seven Kings, Essex.

MANAGER.—A vacancy will shortly arise in a good-class Retail and Dispensing business in a residential district about twenty miles from Town; inquiries invited from qualified gentlemen of ability and initiative who contemplate change and desire to improve their position. Apply 77/38, Office of this Paper.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

QUALIFIED Manager wanted, married, not under 35, for good-class Mixed Country Business; fair house attached, large garden; near Southampton. Apply F. B. Wride, East Street, Southampton.

QUALIFIED Chemist or Druggist wanted. Send full particulars, with references, to W. H. Martindale, 10 New Cavendish Street, W.

QUALIFIED Assistant for good-class Retail and Dispensing business. Apply with all usual particulars, salary required, and photo, to E. Bing & Son, Pharmaceutical Chemists, Canterbury.

QUALIFIED Assistant, young, married, to manage small business in Blackburn; live on premises. Give usual particulars and salary required to McCarthy, Ewood, Blackburn.

QUALIFIED Assistant for good-class county Dispensing and Retail business (outdoors); good references; age over 30. Apply, stating salary required, to 77/13, Office of this Paper.

QUALIFIED Dispenser (Minor) wanted for London, S.E. district; assist at Counter; capable and accurate. Apply, stating references, salary, and full particulars to "Chemist," 77 High Street, Croydon.

RELIABLE qualified Assistant wanted for country Mixed business; healthy and pleasant district in East Yorkshire; prospect of succession to a suitable man. Apply "Radix," c/o Raimes & Co., York.

SENIOR; unqualified; smart Salesman, quick, accurate Dispenser; capable taking charge; good prospects for man seeking permanency; London, W. 9. Apply 100/4, Office of this Paper.

SEVERALLS MENTAL HOSPITAL, COLCHESTER.—Wanted (at once), a qualified Dispenser, Locum Tenens, for three weeks; lady preferred; salary 2½ guineas weekly, with dinner and tea daily. Apply to the Medical Superintendent.

SMART unqualified Assistant wanted at once; chiefly for Dispensing; very little N.H.I.; short hours; near town. Full particulars, salary required, and photo if possible to Hall, Chemist, Pinner, Middlesex.

SMART Junior, with good Dispensing experience, required immediately near Birmingham. State full particulars to 77/24 Office of this Paper.

TEMPORARY assistance required (immediately). State salary required, age, references, and experience, Anderson & Virgo, Chemists, Worcester.

UNQUALIFIED Assistant for Light Retail and Dispensing: London suburb. State age, experience, salary required, photograph (if possible), and references, to "E. B." (73/31) Office of this Paper.

UNQUALIFIED Assistant for Counter required (at once); short hours, 1 o'clock Saturday. Apply Mr. Longstaff, John Barnes & Co., Ltd., 191/217 Finchley Road, N.W.

UNQUALIFIED Assistant (lady or gentleman) for good-class Business; age about 30; must be good Dispenser and Counter Hand. Apply, giving last two references and salary required, to 76/30, Office of this Paper.

UNQUALIFIED Assistant with good experience wanted for country Retail; short hours, no Sunday work; state age, salary, with references. Gibson, Chemist, Brigg.

UNQUALIFIED Assistant; state age, experience, and salary required; hours 8.30-7, Saturdays 8 o'clock, half-day, no Sunday duty. Allison, Chemist, Cockermouth.

BETHNAL GREEN BOARD OF GUARDIANS.

DISPENSER.

WANTED at Waterloo House, Waterloo Road, a fully qualified Dispenser (male). Salary £120 per annum, rising (subject to satisfactory service) £10 every two years to £200, plus war bonus according to scale, at present 19s. per week. Applications must reach me not later than Thursday, the 3rd day of April, 1919.

By Order,
G. FAULKNER JONES,
Clerk to the Guardians.

Administrative Offices,
Bishops' Road, Bethnal Green, E. 2.

WANTED, an Assistant; qualified preferred; must be well recommended. Apply Starkie, 126 Strand, W.C. 2.

WANTED, qualified Manager for quick Cash business; good salary and substantial commission in returns; hours 9-7, Saturday 9-8, half-holiday weekly; preference given to demobilised man. Prichard, Cash Chemist, Abertillery.

WANTED (soon), Junior Assistant (lady or gentleman); capable Dispenser and help at Retail (no N.H.I. work); please state age, experience, and salary expected (in- or out-doors). F. A. Goodwin, Pharmaceutical Chemist, Mutley, Plymouth.

WANTED, qualified Chemist-Optician to Manage a Branch. Apply "Lancs" (72/29), Office of this Paper.

WANTED (at once), unqualified Senior Assistant for good-class Retail business; easy hours; good salary for suitable man. Barkers, Chemists, Grimsby.

WANTED (at once), unqualified Assistant; good Counterman essential. Full particulars (with photo) in first letter to H. Lawrence, Kenley, Surrey.

WANTED, a smart qualified or unqualified Junior for Dispensing and quick Counter; hours 8 o'clock to 7 o'clock, close 1 o'clock on Wednesdays. W. H. Dixon & Sons, Ltd., East Grinstead.

WANTED (temporary), reliable Assistant; must be quick Counterman; used to good-class country trade; some knowledge of Photography desirable; easy hours; no Sunday or Bank Holiday duty. State terms (outdoors) and give full particulars, H. T. Roberts, Chemist, Abergavenny.

WANTED, Junior for general Retail and Dispensing business; thoroughly reliable and well recommended; also vacancy for a man about 40 to 45 years of age, desiring to settle in healthy seaside resort; knowledge of Photography, and good all-round experience necessary; reasonable hours; no heavy work. Apply with full particulars, stating salary required, to Pearce, Chemist, Newquay, Cornwall.

WANTED, reliable Assistant; must be quick Counterman; used to good-class country trade; some knowledge of Photography desirable; easy hours; no Sunday or Bank Holiday duty. State terms (outdoors) and give full particulars, H. T. Roberts, Chemist, Abergavenny.

WANTED for Isle of Man, qualified Assistant; young; live out - state terms. Apply 49/26, Office of this Paper.

WANTED, Junior Assistant with good Dispensing experience. Apply, stating salary required (outdoors) and usual particulars, to J. Gould & Co., 23 North Audley Street, London, W. 1.

WANTED, a reliable businesslike Assistant for good-class Dispensing business near Liverpool; state age, experience, references, and salary required (outdoors); also a good Junior. Reply "Cheshire," c/o Messrs. Ayrton, Saunders & Co., Liverpool.

WANTED, qualified Assistant; young and active; outdoors; easy hours; no Sunday duty. Apply, with full particulars, stating age, references, and salary required, to E. J. Kitson, Worcester.

WANTED (at once), Lady Assistant, capable of running a small Branch; no Dispensing experience necessary or qualification. Apply 77/39, Office of this Paper.

WANTED (immediately), for 3 or 4 weeks, for Clerical work only, Assistant (lady or gentleman). Apply, personally or by letter, giving full particulars, to W. S. R., 40 Connaught Street, W. 2.

YOUNG Lady, for Counter, Window, and Stock; used to good-class trade; quick and obliging. Apply 77/2, Office of this Paper.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

WHOLESALE.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

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RAWDON, Nr. LEEDS.

LONDON.—Wholesale Druggist requires several hands for Laboratory. Apply, with full particulars, 102/25, Office of this Paper.

MANCHESTER DISTRICT.—Wet and Dry Room, also Laboratory hands; experienced and junior. State past positions and wage required, 53/36, Office of this Paper.

AT once, smart young man capable of keeping up and looking after the stock of a busy Retail Chemist, to act as Warehouseman and make himself generally useful. State salary required and previous experience, to C. Woollons, 28 Kilburn Lane, W. 10.

COMPRESSED TABLETS.—Wanted by London firm, an experienced man for Making and Coating. Apply, stating wages, to "Aconite" (100/34), Office of this Paper.

EXPERIENCED Perfume Finishers, used to Capping and Ribboning. "Amani," 469 Holloway Road, N.

EXPERIENCED Coater required by well-known firm of Manufacturing Chemists. Apply 102/3, Office of this Paper.

FOREMAN for Essential Oil Department by London Wholesale Druggists; age 25-35; discharged soldier preferred. State age and salary required to Mr. Drage, 62 Bank Chambers, W.C. 2.

FOREWOMAN to take charge of workroom for Toilet preparations; must be fully experienced and energetic. A. and E. Cameras, Toilet Specialists, 207 King Street, Hammersmith.

GENTLEMAN (30-35) as Chief Clerk in London Export Druggists, with thorough knowledge of office routine; experienced in foreign correspondence in connection with shipping trade and in control of staff; good organiser; liberal salary and good prospects. Apply, stating fullest particulars and commencing salary required, to 93/31, Office of this Paper.

LABORTORY Assistant, also Tincture-Maker, required by London Wholesale House; state age, experience, and wages required. Apply 78/6, Office of this Paper.

MAGNES. CIT. EFFERV. AND SALINE.—Wanted by London firm, a competent man for Manufacture of above. State wages and previous experience to "Aconite" (100/340), Office of this Paper.

PILL Maker wanted; must be experienced and used to handling machinery. State previous employment and wages required, "M. D." (101/42), Office of this Paper.

PROPRIETARY Firm installing a Colton machine requires a practical Pill-maker with experience of same, to operate old-fashioned plant until the new machine is installed, and then to operate the latter. Send particulars, age, previous experience, salary required, in strict confidence, to 78/8, Office of this Paper.

REPRESENTATIVES wanted for South, South-East, and East Coasts on part salary and commission. Apply 102/22, Office of this Paper.

REPRESENTATIVES, with good connections, for established Toilet lines wanted, one for Midlands and Eastern Counties, and one for Wales; first-class House. Apply, with fullest particulars, to 101/61, Office of this Paper.

REQUIRED (at once), smart Traveller, with established connection amongst Wholesale Chemists' Sundriesmen. Also another Traveller, with good connection, to call on Surgical Houses. Give full particulars, and state salary and commission required. Apply "Sundries" (77/35), Office of this Paper.

TABLET Maker wanted, experienced, good Sugar Coater, by R. Sumner & Co., Ltd., of Liverpool.

TOILET Preparations, Perfumery.—Competent man, experienced in this manufacture, to undertake Management of small but growing Department; London firm; initiative, organisation required; progressive permanency. Full particulars of experience to 96/62, Office of this Paper.

TRAVELLER required by London Glass Works with knowledge and experience of the Medical and Lamp Blown Glass trade. Write, stating terms, to 95/39, Office of this Paper.

TRAVELLER wanted for North Wales and some adjacent English counties by London firm of Wholesale and Manufacturing Chemists for Druggists' Sundries and Packed Goods. Write, stating age, experience, etc., to Box 4,364, Frost, Smith & Co., 66 Finsbury Pavement, E.C. 2.

UNDER-FOREMAN for Wet Counter by London Wholesale Druggists; age 25-30; discharged soldier preferred. State age and salary required to Mr. Church, 62 Bank Chambers, W.C. 2.

WANTED, efficient Traveller, on commission, for London and Southern Counties, calling on Chemists, and to develop Central Depôt in London; references required. Whitaker & Co., Colour Works, Kendal ("Luton" Hat Dyes, etc.).

WANTED by a firm of Wholesale Manufacturing Druggists in the North, a competent man to take entire charge of the Manufacturing Laboratory for the preparation of all Galenicals and manufactured articles kindred to the Chemist's business. In applying please give the fullest particulars as to age, experience, salary, etc., 99/14, Office of this Paper.

WANTED, an experienced Bottler and Wrapper for Patent Medicine trade for month or two. State age and wages required, 64/15, Office of this Paper.

YOUNG man, quick at figures, for calculating costs; preferably familiar with terms employed in Manufacturing Druggists' Laboratory. State age, wage, and previous employment to "H. S." (98/68), Office of this Paper.

YOUNG man required in the Wholesale. Apply, with full particulars, to Holman, Ham & Co., Ltd., Market Street, Exeter

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(Colonial, Indian and Foreign.)

BANGKOK, SIAM.—Qualified Assistant required; knowledge of sight testing and fitting essential; one with good-class London experience preferred; four years' agreement; salary £400, £425, £450, £500 yearly, with furnished quarters; passage paid out and home. Apply, with testimonials and photograph, to "M. H.," Export Department, S. Maw, Son & Sons, Ltd., 7-12 Aldersgate Street, E.C. 1.

DENMARK.—Druggist, with full practical knowledge of the manufacture of Technical, Chemical, and Pharmaceutical Products, required by old-established works in Denmark. Offer, with age, experience, and salary required, to "Laboratt" (57/21), Office of this Paper.

FAR EAST.—One or two qualified Assistants; age 22 to 30; must have had good experience in first-class Retail business; good salary; passage paid out and home on a four or five years' agreement. Address "Export" (76/40), Office of this Paper.

FEDERATED MALAY STATES.—Qualified Assistant required; unmarried; three years' agreement; passage paid out and home; must have good health; salary first year £30, second year £32, third year £35 per month; short hours; preference given to one with knowledge of Photography and Optics, but not essential; advancement for good business man. Apply 69/41, Office of this Paper.

JAPAN.—Two qualified Assistants required for first-class Pharmacy in Yokohama; four years' agreement; salary £20 per month first year, increasing to £30; free furnished quarters with lighting and heating; passage paid out and home. Apply, with copies of testimonials and photograph, to M. H., Export Department, S. Maw, Son & Sons, Ltd., 7-12 Aldersgate Street, E.C. 1.

JAPAN.—Wanted (immediately), Senior and Junior Assistants, single, qualified, in first-class business at Kobe; easy hours; liberal salary; passage out and home. Send for full particulars, with photo, to J. W. Franklin, c/o Bailey's Hotel, Gloucester Road, S.W. 7.

MOROCCO.—Assistant for first-class Pharmacy; qualified; must speak and write French; good salary to suitable man; principal will be in London shortly. Apply, with particulars, to C. J. R., Evans Sons Lescher & Webb Ltd., 60 Bartholomew Close, E.C.

PARIS.—Capable Dispenser; qualified, and knowledge of French preferred; outdoors; hours 8.30-7, no night or Sunday duty. Write, stating experience and salary required, also send photograph, to Roberts & Co., 5 rue de la Paix, Paris.

STRAITS SETTLEMENTS.—Qualified Assistant, young, and capable of managing Branch Dispensary; four years' agreement; passage paid out and home; salary first year, £30 per month, second and third years £32 per month, fourth year £35; splendid opportunity for an energetic man; a knowledge of Optical and Photographic work desirable. Apply W. C. H., Burgoyne, Burbidges & Co., Ltd., East Ham, E. 6.

SOUTH AFRICA.—Leading Manufacturers of Druggists' Sundries require energetic Representative for sole or part representation with other non-clashing lines; one having connection preferred. Apply, with full particulars of experience, to 99/56, Office of this Paper.

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[HOME.]

RETAIL.

A. H. COOPER, M.P.S., 5 Vineyard, Bath, open for temporary engagements.

A QUALIFIED man (Welshman) seeks a berth; London preferable; West-End experience. Apply R. H. Evans, San Quentin, 169 Butler Road, Harrow-on-the-Hill.

AFTER Easter, Managership; qualified; married, 40; furniture; absolutely trustworthy, capable, very energetic; abstainer; must be dry, convenient house; future interest or succession preferred; south or coast. Apply 75/17, Office of this Paper.

AS qualified Manager; capable and reliable; 20 years' London and provincial experience; South Wales preferred. Apply Davies, Ty. Cwrdd, Llwynhendy, Llanelly.

AS Locum, part-time, Branch Manager, or view to succession; London or suburbs preferred; 50; non-registered; energetic; good all-round experience; highest references. Apply 76/11, Office of this Paper.

AS Locum; London or provinces; thoroughly experienced; disengaged; forward booking. Apply 76/240, Office of this Paper.

AS Manager or Senior; 16 years London, country, Continent; Counter, Dispensing, Photographics; fluent French; disengaged. Burrell, 39 Falmouth Road, S.E. 1.

AS Manager, qualified, 43, experienced, open to engagement (immediately); Locum or otherwise. Address Chemist, 13 Ashburton Road, N.S. Blackpool.

AS Locum, permanency; moderate terms; good references. "G.," 23a Sinclair Gardens, W. 14.

AS Locum or temporary Assistant; qualified; free from April 7th to 19th inclusive; good recommendations. Apply "Vitæ" (77/8), Office of this Paper.

AS Assistant or Manager; 25 years' experience; services available at once. "Nonreg," c/o 39 St. Philip's Avenue, Maidstone.

AS Branch Manager; qualified; 40, tall; 11 years with last employers; permanency; disengaged; not London. Sharp, Chemist, St. Neots, Hunts.

AS Dispenser; best London, West End, and City experience; special in preparation of Pharmaceutical and own formulæ required; good position; age 22; good references. Apply 79/40, Office of this Paper.

ASSISTANT (Hall); best West-End and country experience; seaside preferred; disengaged. Apply 73/30, Office of this Paper.

ASSISTANT (unqualified) desires post as Dispenser and Counterman; recently demobilised; age 34; 16 years' all-round experience. Southwick, 2 Highfield Road, Dartford.

ASSISTANT or Managing Assistant, married, recently demobilised, desires permanent berth; town or country; Western Counties preferred; 13 years' good experience; active, reliable. Particulars, etc., to "J. E. H.," 13 Lawn Terrace, Ilminster.

ASSISTANT or Under-Manager; unqualified; smart Salesman, Drugs, Surgical, Sundries, Toilet, Perfumery, etc.; 15 years' experience. "Rex," 48 Lealand Road, Stamford Hill.

ASSISTANT (lady), thoroughly experienced, desires post; Doctor or Chemist; good Dispenser; unqualified. Apply 77/18, Office of this Paper.

ASSISTANT desires position, London or district; 18 years' thorough all-round high-class experience; excellent references; disengaged; unqualified. "Ebor," 138 High Street, Sydenham, S.E.

BLACKPOOL preferred, disengaged shortly. Assistant, 45, unqualified, married, tall, energetic, practically abstainer, over 25 years' best experience in all branches of the trade, including Photographic, is open for permanent engagement; capable of taking full charge; personal interview. Apply 74/35, Office of this Paper.

BRANCH Manager; unqualified; with option of purchase within six months; good house essential; 14 years' references; not London; cash available £350. Apply 77/210, Office of this Paper.

BRISTOL.—Locum or part-time work wanted; qualified. Hopkins, 11 Oakland Road, Redland.

BRISTOL OR DISTRICT.—Unqualified; good Dispenser, smart Counterman; tall, young; abstainer; permanent position; disengaged end March. "Energy," o/o 23 Broad Quay, Bristol.

CAPABLE and experienced qualified Manager; 40, married; country or seaside; abstainer; state hours and salary. Neale, 14 Marina, Ramsgate.

CLERICAL; evening work of any kind; terms moderate. Replies to "F. G." (62/21), Office of this Paper.

DEMOBILISED officer, qualified, 28, single, seeks responsible position; any capacity. Apply 72/39, Office of this Paper.

DISPENSER, lady, qualified (Hall), desires post in London, Hospital, Doctor, or Chemist; five years' experience, 3½ years' military work, with knowledge of Bacteriology. Apply 99/17, Office of this Paper.

DISPENSER; 44; disengaged; married; permanency; 27 years' experience; Bookkeeper, Extractor. Strutt, 2 London Road, Hailsham.

DISPENSER; demobilised; 23 years' experience with Doctors and Chemists, Urine Analysis; steady and reliable; single; town or country. Give full particulars, stating salary offered, "Bookkeeper" (79/9), Office of this Paper.

EVENING Dispensing; unqualified; two or three hours nightly. Apply 73/25, Office of this Paper.

EX-OFFICER, 27, unqualified, seven years' good Dispensing, Agricultural, and general experience, married, requires berth immediately. Address "Sol" (78/16), Office of this Paper.

EXPERIENCED Assistant, disengaged, wishes permanent situation, high-class or Drug Stores or Management of branch; active, reliable; well recommended. "Browne," 286 Kingsland Road, London, E. 8.

JUNIOR in good-class Dispensing business where others are kept; age 19; smart Dispenser and Counterman; disengaged. Evans, c/o Mr. Jones, Pharmaceutical Chemist, Bridgend, Glam.

LADY Dispenser (Hall) desires post in London; Doctor or Institution; 7 years' experience; excellent testimonials. Address 75/29, Office of this Paper.

LADY Dispenser, unqualified, with five years' experience, requires post. Apply "X," c/o Mr. Prosser, 1b Chandos Road, Bristol.

LADY Dispenser (Hall), experienced, with good London references, seeks post; Institution or Doctor's. "Qualified," 7 Hallswell Road, Golder's Green, N.W. 4.

LADY, unqualified, post with Chemist in London area; knowledge of Dispensing; willing to assist at Counter. Apply 77/3, Office of this Paper.

LADY Dispenser (Hall) desires post with Doctor or Chemist; experienced; good references. Miss Law, Bishop Street, Mansfield, Notts.

LOCUM Tenens or otherwise. "M.P.S.," Eversleigh, Whitehorse Road, W. Croydon.

LOCUM; Brighton and district; well recommended; French, etc.; now booking engagements. Kelsey, 50 Payne Avenue, Hove.

LOCUM; young lady; qualified; nine years' experience; Scotland or Midlands; state terms. Apply 98/57, Office of this Paper.

LOCUM; qualified; disengaged April 6th; thoroughly reliable; anywhere in England, South of Liverpool. "W. H.," 31 Bold Street, Warrington.

LOCUM; disengaged; unqualified; town or country. "Aspirin," 128 Balls Pond Road, N.

LOCUM or Manager; disengaged April. Lynn, 2 Lodge, Sinclair Mansions, W. 12.

LOCUM; highest references; wide experience; London and provinces; well recommended. Brown, 74 West Hill, East Putney, S.W. 15.

LOCUM (42); qualified; good references; free in about a fortnight. "Briton" (78/23), Office of this Paper.

LONDON.—Young lady, Hall qualification, requires situation in London; competent Dispenser, Counter hand, Window-dresser, and well up in usual Chemist's side lines. Apply with full particulars to Miss Phillips, 44 Ryelands Road, Leominster.

M.P.S., F.S.M.C., desires berth; London; married; part removal expenses. Write "Londoner" (76/7), Office of this Paper.

MANAGER; unqualified; 40; 20 years' Wholesale and Retail experience; keen buyer and business man; London or provinces. Apply 76/24, Office of this Paper.

MANAGER (32) seeks engagement; August or September; tactful, good organiser; abstainer; must be really first-class business with good scope. State salary, 71/35, Office of this Paper.

MANAGER; abstainer; thoroughly energetic worker, quick Counterman, and particularly successful in increasing returns; highest references; unqualified. "W.," 241 Seven Sisters Road, N.

MANAGER or Managing Assistant; 30 years' experience; first-class Counterman; energetic; thorough in all departments; disengaged; unqualified; in or out of London. Apply 77/12, Office of this Paper.

MANAGER; 40; qualified; abstainer; used to Agricultural business; with or without view succession; state terms offered. J. Ravenshaw, South Molton, N. Devon.

MANCHESTER.—Lady Dispenser (Hall qualification) desires post with Chemist or Doctor; experienced in Surgery routine; assist with Minor Dressings. Apply 73/29, Office of this Paper.

MANCHESTER.—Lady Dispenser (Hall diploma), young, tall, good appearance, with high-class Dispensing and Light Retail experience, desires post with Dispensing Chemist or with one of the leading Hospitals. Apply 74/37, Office of this Paper.

MANCHESTER District.—Unqualified Assistant, all-round experience, desires position; excellent references. "M.," 219 Cheetham Hill Road.

PHARMACEUTICAL Chemist, good all-round experience and thorough knowledge of business, seeks responsible position with good firm. Apply 74/6, Office of this Paper.

PHARMACEUTICAL Chemist, with 30 years' Wholesale and Retail experience, seeks position of trust (outdoors) in London. "Major," 3 East Dulwich Grove, S.E.

PHARMACIST, on demobilisation, desires Managership (with view to succession on easy terms) of high-class Dispensing and Retail Pharmacy; large town, preferably seaside; three and a half years' experience; Manager with sole control in London, W.C., previous to joining Army. Apply 75/13, Office of this Paper.

PHARMACIST (woman), having Hospital experience, requires part-time post; Hospital or Institution; London district. "M.P.S.," 155 Copers Cope Road, Beckenham.

PHARMACIST, qualified, capable, desires post in London; age 49; disengaged. Apply 74/29, Office of this Paper.

PHARMACIST (35), married, demobilised, good Dispensing, Retail, and Hospital experience, French spoken, energetic and methodical, seeks post as Assistant or Manager, view to succession; disengaged. Apply "Pharmacist," 27 Burnaby Street, Chelsea, S.W.

PHARMACIST (own business), desiring change, would like two or three weeks' light Locum in Devon or Cornwall; preferably one where a few hours' daily supervision would suffice. Apply 77/14, Office of this Paper.

QUALIFIED Manager or Assistant; age 49; abstainer; disengaged; S.W. London district. "S. S.," 98 Greyhound Lane, Streatham, S.W.

QUALIFIED; town, country business experience; elderly; good references; Locum, permanency; disengaged. Apply 76/19, Office of this Paper.

QUALIFIED (31) seeks re-engagement in London, W. or N.W.; permanency; outdoors; all-round experience. Apply A. V. K., 31 Goldsmith Avenue, Acton, W. 3.

QUALIFIED; disengaged; 38; London or suburbs; suburban and West-End experience; Locum entertained; demobilised "B.E.F." man. "Statim," 24 Camden Hill Road, Upper Norwood.

QUALIFIED Dispenser requires post in London; experienced in staining and examining sputa for tubercle. Miss Balding, 108 Elgin Crescent, W. 11.

QUALIFIED (31), demobilised, married, desires post; preferably resident managership; London or suburbs. "Civis," 28a Waveney Avenue, Peckham Rye, S.E. 15.

QUALIFIED (23), with high-class Dispensing experience, disengaged, requires situation; full or part time. Apply 102/11, Office of this Paper.

QUALIFIED Senior, used to buying and management, seeks position in London; preferably West End; foreign and highest-class London experience and references. "Gallia" (78/230), Office of this Paper.

QUALIFIED demobilised officer (26), good all-round experience, excellent references, desires permanent position. Apply "N. S. Y." (78/40), Office of this Paper.

SCOTSMAN, qualified, 29, recently demobilised, seeks situation as Assistant where first-class Dispensing and Counter experience is obtained; free last week of April. Apply 77/32, Office of this Paper.

UNQUALIFIED (24), discharged, desires permanency; good all-round hand; South Coast preferred. Apply 70/36, Office of this Paper.

YOUNG lady, with good experience, requires situation at the Counter; well experienced in Toilet articles and Perfumery. Apply Smith, 31b The Parade, Golders Green, N.W. 3.

YOUNG lady, five years' experience in Dispensing and Counter work, desires post with Chemist in Yorkshire; Harrogate or Bradford area preferred; excellent references. Miss Williams, Moorland View, Otley Road, Skipton.

WHOLESALE.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

ADVERTISER, Ph.C., seeks confidential position with progressive firm; expert knowledge of intensive production of Galenicals, Malt Extract, Compressions, Toilet and Medical Specialities, Food Products, etc.; would organise export or import trade; Buyer's or Traveller's position entertained. Apply "F.O.S." (74/28), Office of this Paper.

ADVERTISER, qualified Pharmacist, thoroughly conversant with the requirements of the Retail Drug trade, desires to represent Drug and Sundry house; smart appearance and address. Apply "Ajax" (74/36), Office of this Paper.

AGE 29; 12 years' experience Buying or Sales; home or export; able to take control and correspond; excellent references. Apply 74/2, Office of this Paper.

CAPABLE, qualified man desires responsible post in Wholesale; energetic, sound, and progressive. Apply "Samnos" (74/40), Office of this Paper.

CAPABLE man, with good all-round experience in manufacture and putting up of Toilet and Perfumery lines, requires change. Apply 78/5, Office of this Paper.

CAPABLE man, with good all-round experience in manufacture and putting up of Toilet and Perfumery lines, requires position as Representative with salary and small commission. Apply 78/50, Office of this Paper.

CHEMIST'S Assistant (26), farmer's son, desires outside work with country Chemist, calling on farmers, etc.; seven years' experience Retail; used to motor cycles. Apply "T. G. G.," 23 Albert Street, Wisbech.

COMPETENT man requires situation; Wet or Dry Counter. Apply 76/15, Office of this Paper.

DEPARTMENTAL or Works Manager; 20 years' experience; thorough knowledge of buying and selling; live business man; London or provinces. Apply 76/241, Office of this Paper.

EXPERIENCED Tablet Maker, capable of taking charge of department, seeks situation. Apply 79/11, Office of this Paper.

FIRST-CLASS, experienced Travelling Representative, shortly disengaged, seeks similar appointment. Apply 53/10, Office of this Paper.

LADY Chemist requires responsible position in Wholesale house; any capacity, Clerical or Manufacturing; long and excellent experience; tactful, good organiser. Apply 74/39, Office of this Paper.

PRE-WAR REXALL REPRESENTATIVE (Gunnery Lieutenant, just demobilised), finding his 1914 position unavailable, wishes to get in touch with up-to-date house in Drug or kindred trade; Rexall standard in publicity, shop arrangement and management, Window and Store display, staff organisation, and expert in selling end of Chemist's business; intimate knowledge of the trade throughout the United Kingdom; own car for travelling. Apply 74/1, Office of this Paper.

REPRESENTATIVE, demobilised, age 28, married, eight years with Brush House on South Coast and intervening country, desires similar position with Brush or Sundries house; excellent reference and good reason for change. Apply 76/20, Office of this Paper.

SOAP, PERFUMERY, TOILET PREPARATIONS.—Gentleman travelling Great Britain, calling upon Chemists, Hairdressers Fancy Dealers, requires the above products of a good-class firm; thorough knowledge of same. Apply to 71/3, Office of this Paper.

TOILET PREPARATIONS AND PROPRIETARIES.—Advertiser seeks active and experienced partner on equal terms; capital as required. Apply "M." (72/40), Office of this Paper.

TRAVELLER, good connection Chemists' and Medical profession in Scotland and Ireland, wishes to represent good house; resident Glasgow. Apply 77/29, Office of this Paper.

SITUATIONS WANTED.

(Colonial, Indian and Foreign.)

LADY, educated, qualified Dispenser, Bookkeeper, age 39, good business knowledge, French, seeks responsible position abroad. Apply 75/11, Office of this Paper.

MISCELLANEOUS.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

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Shares for Sale (free of commission, subject).—50 W. J. Bush Prefs., 77*s.* 6*d.* c.d.; 150 J. Crosfield 6% 1st Prefs., 20*s.* 7½*d.*; 100 Evans Lescher Prefs., 18*s.*; 450 Commercial Salt, 3*s.* 1½*d.*; 170 Camwal Prefs., 9*s.* 1½*d.*; 500 Sanitas £1 × 9% Prefs., 27*s.* 1½*d.*; 50 T. & H. Smith £5 × 5% Prefs., 81*s.* 6*d.*; 30 Lewis & Burrows Ordinary 11*s.* 6*d.*, 20 Prefs. 16*s.* 1½*d.* together.

Wanted (subject).—Allenbury Prefs., 18*s.* 9*d.* x.d.; Wright Layman Prefs., 18*s.* 9*d.* x.d.; Camwal Prefs. and Debs.; Idris "A" Ordinary 3*s.*, "A" Prefs. 6*s.* 6*d.*, Debentures 60%.

Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

FOR Sale, 50 gross of Tins in splendid condition, slip-on lacquered lids, of each size, 2¾″ × 4″ at 17*s.* 6*d.* gross; 3¼″ × 5¼″ at 20*s.* 6*d.* gross; also about 10,000 of each following sizes of Cartons in cream board and good condition, suitable for food containers, 5½″ × 3¾″ × 2″, at 17*s.* per thousand, and 4″ × 2⅞″ × 1¾″ at 14*s.* per thousand. Samples on application to 75/7, Office of this Paper.

WATSONS' OF SHEFFIELD

Want Folding Kodaks of all descriptions. At least two-thirds original retail price given for approved models.

For a short time we are willing to buy Kodaks of all descriptions, until fresh supplies reach this country. If you have any you want to dispose of, send them along to us without waiting to get into communication, and we will make you an offer by return.

Cash immediately. Goods returned carriage paid if no business.

WATSONS' (Proprietors, Wallace Heaton, Ltd.),
THE CAMERA HOUSE,
New Address: 19 CHANCE ALLEY, SHEFFIELD.
Telephones: 27 and 255.

LADIES' Hair Brushes, polished wood backs, half gross each, 21*s.*, 24*s.*, 27*s.* dozen; Gent's Military ditto, half gross, 17*s.* 6*d.* dozen; Nail Brushes, three dozen, 7*s.* 6*d.* dozen; small Tooth Combs, black, 4 dozen, 5*s.* dozen; Bone Tooth-brushes, 4-row, 7 dozen, 7*s.* 6*d.* dozen; post free; sample half-dozens supplied. Aldous, 48 Harpenden Road, West Norwood, S.E. 27.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

SHOWCASES AND SHOP FITTINGS.—Several fine Silent Salesman Showcases and Counters; quantity of useful Shop fittings; low prices. Write inquiries, Philip Josephs & Sons, Ltd., 93 Old Street, London, E.C. 1.

10 GROSS Vulcanite Douche Fittings, 7*s.* doz. sets; 50 gross Eye Droppers, 8*s.* gross; 24 gross "C" Bulbs, 24*s.* doz. boxes; 1 gross Vulcanite Glass Glycerine Syringes, 10*s.* doz.; 300 tubes Ethyl Chlor., 1*s.* 6*d.* each; 3 gross Ingram's Perfex Enemas, 25*s.* doz.; 1,500 Boxes Gaelic Safety Pins, each 50, 6*s.* 6*d.* doz. boxes; 12 doz. Leeming's Ess. for Horses, 2*s.* 6*d.* size, 18*s.* doz.; cash with order; goods returnable. Thomas, 157 Cowbridge Road, Cardiff.

EXCHANGE COLUMN.

One halfpenny per word with name and address. One penny per word if we register the address and attach a number.
No advertisement inserted for less than 6*d.*

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FOR DISPOSAL.

DENTAL.

WHAT offers? Nine pairs of Dental Forceps, Lower and Top Impression Plate, one bottle Filling Cement. Apply 73/18, Office of this Paper.

DRUGS AND CHEMICALS.

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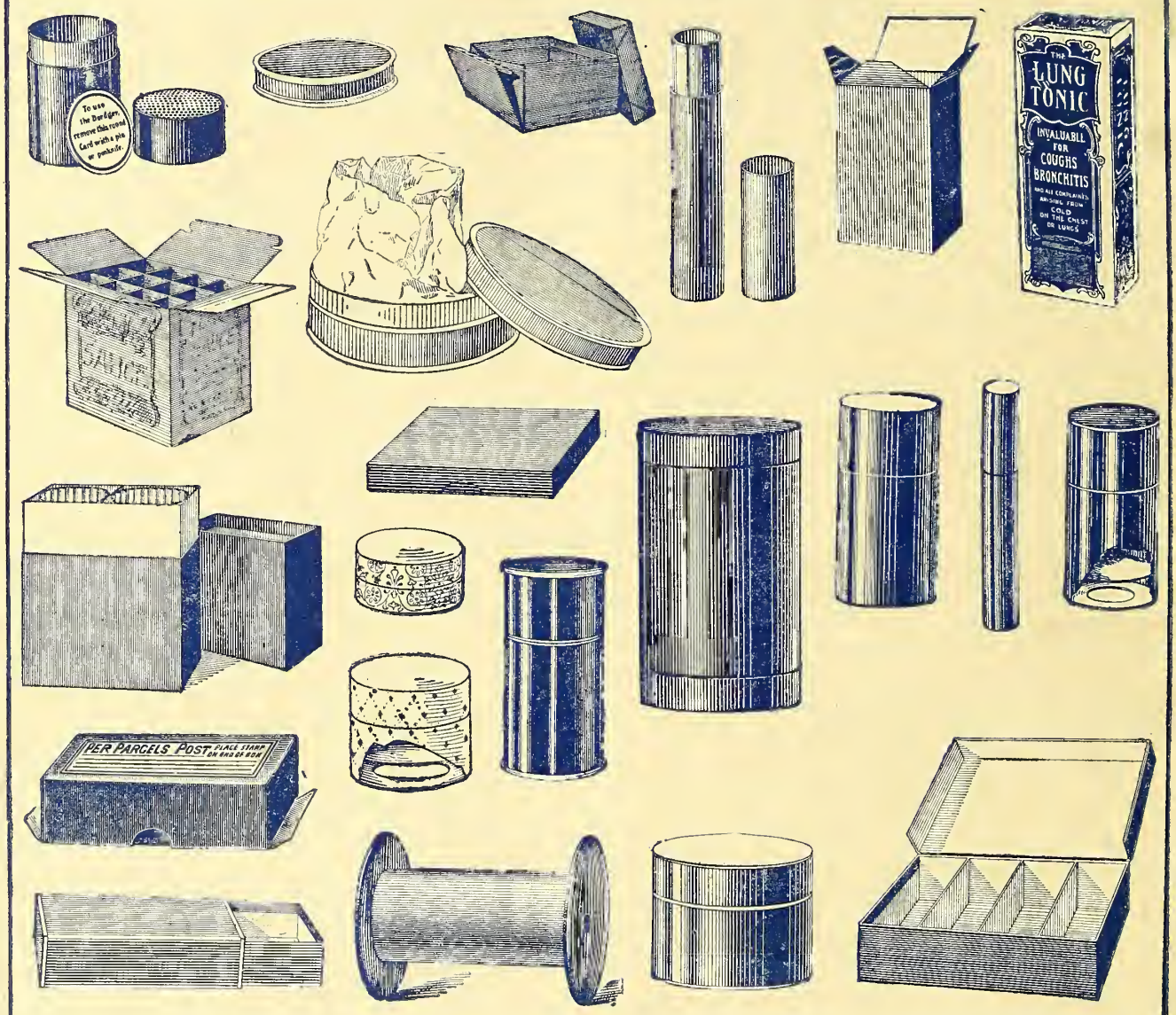

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